infilink

TECHNOLOGIES

Infinite ways to link...

SOLUTION CATALOG

Infilink Technologies as your professional partner offers 25 Years Performance Warranty directly to the end user, not to the independent system integrator or network specialist who happens to installs the network for you.

This warranty distinguishes **Infilink** in the rapidly growing market.

The 25-Years Warranty applies to premise cabling installations consisting of 100 % Infilink Products or Infilink approved products. Systems must be installed by authorized contractors and registered with Infilink.

For further details, please ask for a copy of the Infilink warranty statement.

Infilink Technologies is the one-stop shop, small and medium size Network Solutions Manufacturer whom offering complete line of Fiber and Copper Structured Cabling Solutions, suited for SMB LAN environments. Additionally, **Infilink Technologies** carries a full range of cabinets and termination tools for any customer requirements. Our design, development, marketing and management team works in close collaboration to ensure excellent products and solutions. These solutions not only suit regional requirements, but also meet and exceed well-recognized international standards such as UL, ISO, IEC, TIA. **Infilink Technologies** solutions covers OS2, OM2 and OM3 standards for fiber and Cat.3 to Cat.6A family in UTP and shielded varieties for copper product line. All **Infilink Technologies** products are available through an extensive network of distributors and partners in each continent. The 25-year end-to-end installation certificate offered by **Infilink Certified Engineers** to enhance customer satisfaction and ease of mind for many years to come.

TRADEMARK STATEMENT
Infilink and the Infilink logo are registered trademarks of Infilink Technologies, USA

CUSTOMER SUPPORT
Infilink Customer Support Services offers a broad selection of programs including extended phone support, upgrades, and parts replacement. For more information, contact us by email on customercare@infilinktechnologies.com. Service and availability may vary by country.

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Glossary

Infilink Technologies is a manufacturer of Copper and Fiber Structured Cabling Solutions for the LAN and MAN (metropolitan area network) environments. Founded in 1998 to address Structured Cabling requirements within Data and Telecommunications sectors, the company has now grown into a multinational group with a vast global customer network. With the honesty, diligence, solidarity and creativity, the company's leaders have gathered a group of highly qualified and efficient professionals to design, develop, and manufacture Structured Cabling Solutions to meet the current and future requirement of Data and Telecommunication industries. The company dedicates extensive time and effort for research and development to produce high quality components by utilizing advanced test and inspection of components, in addition to adhering strict quality control systems. Our goal is to provide high-quality products and unparalleled services, futuristic product development and technological innovation to our valued customers.

Manufacturing:

Infilink Technologies headquarters is centrally located in Northern California with production facilities in both Taiwan and China. Our manufacturing facilities have passed all well-known International Standards and carry certificates such as 3P, DELTA, UL, CE, ETL, TIA and RoHS.

Quality:

Infilink Technologies Quality Assurance Management Team understands the importance of component quality in the Telecommunications and Data sectors. The 25-year knowledge enabled Infilink team to optimize the design criteria to the level that high performance and exceptional quality to be offered at attractive price level.

Design and product capabilities:

The company also has manufacturing agreements with several world-renowned fiber manufacturers offering very high annual production capacity. Infilink Technologies products are obtained by various Telecommunication Companies and Service Providers, Structured Cabling Installation Companies and Large Distributors.

The product line:

Infilink Technologies offer high quality structured cabling & Data Center solutions with warranty according to the budget of the client in variety of projects.

In order to achieve quicker and better industry development, Infilink Technologies expanding into the field of optical fiber communications and FTTH to offer unique infilink product signature in this industry, with following Fiber Solution components:

• Connectors
• Adapters
• Patch Cord Assemblies
• Pigtails
• Indoor & Outdoor cables
• Patch Panels
• MPO solutions

Cat-3 UTP Multi Pair Telephone Cable

Infilink Cat-3 Multipair Cable supports LAN applications utilizing bandwidth up to 16MHz, Ethernet for Telephone system wiring which is mandatory minimum cable specified by the FCC for new home constructions in order to ensure broad band capabilities.

Multipair Voice Cat-3

Color	Gray, Ivory, White
Package	Wooden Drums
Description	Infilink Cat-3 UTP 25, 50, 100 Pairs indoor cable 305m/Roll PE insulation PVC jacket
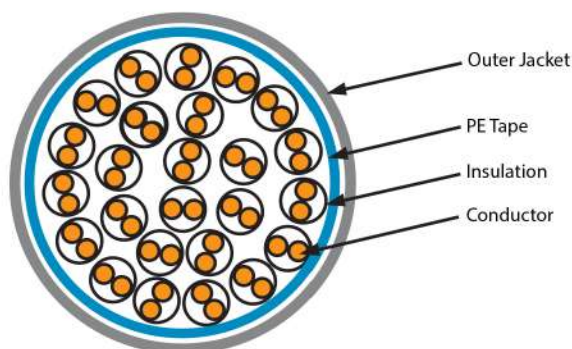
Key Features

- Tested from 1 to 16 MHz
- Component Compliant to TIA category 3 cable requirements
- Applications: 10 Base-Token Ring 4/16 Mbps to 25.6 Mbps ATM

Companion Products

Consider these related Infilink products in your network planning

- Infilink Cat-3 Patch Panels 25, 50 Ports (Voice)
- Infilink Punch Down Tool

CONSTRUCTION

1   CONDUCTOR
    Annealed copper wire diameter 0.495±0.008 mm

2   INSULATION
    Solid polyethylene diameter 0.86±0.02 mm

3   PAIRS
    Color code:

PAIR 1	BLUE-WHITE	PAIR 10	GREY-RED	PAIR 19	BROWN-YELLOW
PAIR 2	ORANGE-WHITE	PAIR 11	BLUE-BLACK	PAIR 20	GREY-YELLOW
PAIR 3	GREEN-WHITE	PAIR 12	ORANGE-BLACK	PAIR 21	BLUE-PURPLE
PAIR 4	BROWN-WHITE	PAIR 13	GREEN-BLACK	PAIR 22	ORANGE-PURPLE
PAIR 5	GREY-WHITE	PAIR 14	BROWN-BLACK	PAIR 23	GREEN-PURPLE
PAIR 6	BLUE-RED	PAIR 15	GREY-BLACK	PAIR 24	BROWN-PURPLE
PAIR 7	ORANGE-RED	PAIR 16	BLUE-YELLOW	PAIR 25	GREY-PURPLE
PAIR 8	GREEN-RED	PAIR 17	ORANGE-YELLOW		
PAIR 9	BROWN-RED	PAIR 18	GREEN-YELLOW		

4   OUTER JACKET RIPCORD
    PVC compound Thickness 0.6 mm Minimum
    External diameter 13±0.3 mm

ORDER CODES

Infilink – UTP Cat-3 Solid 25 Pair Cable	IP-CU3P25
Infilink – UTP Cat-3 Solid 50 Pair Cable	IP-CU3P50
Infilink – UTP Cat-3 Solid 100 Pair Cable	IP-CU3P100

www.InfilinkTechnologies.com

Cat-3 25 & 50 Port Voice Patch Panel

Company Profile

Voice Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets Data Center Solutions & Cable management

Tools

Glossary

Infilink Category 3 range of patch panels offer exceptional performance within a very high density format. Its unique design gives full 25 & 50 category 3 ports in a single U rack space.

It provides flexibility, simplicity and fast installation of patch panel. Each patch panel has its own rear cable manager allowing superior support and protection for the cables.

Produced within Infilink production facilities under strict quality standards, it offers end users a perfect combination of price, performance and quality.
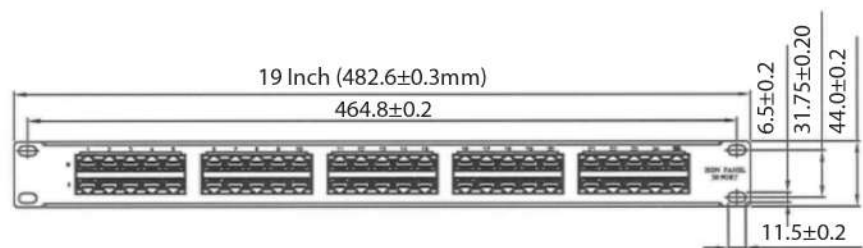
Key Features

- Allow easy circuit identification using the Infilink labeling
- Integral rear cable management
- In full Compliance with Cat-3 Performance standards
- Fits to any Standard 19" rack
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Cat-3 Multipair Cable
- Infilink Punch Down Tool

MATERIAL

Panel	SPCC 1.2mm thickness with Black (RAL9005) color painted
RJ45 Jack Housing	PBT + Fiber Glass (UL94V-0)
RJ45 Jack Contact Bracket	PBT + Fiber Glass (UL94V-0)
Spring wire	Phosphor Bronze with Nickel plated + Gold Flush on plug contact area
IDC housing	PC + Fiber Glass (UL94V-2)
IDC terminal	Phosphor Bronze with Tin plated.
PCB	CEM-1, UL94V-0

PERFORMANCE

Insertion force	20N max (IEC 6063-7-4)
Durability	750 cycles
Conductor Compatibility	22 ~ 26 AWG stranded and solid wire, compatible with Krone punch down tool.
Operating temperature	-10 ~ 60ºC (ISO/IEC 11801, ANSI/TIA 568 B.2)

ORDER CODES

Infilink- 25 port Cat-3 Patch Panel UTP RJ-45	IP-PP325
Infilink- 50 port Cat-3 Patch Panel UTP RJ-45	IP-PP350

Cat-5e Keystone Jack Module

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TECHNOLOGIES

The affordable and high performance keystone jacks for home and office use that require a termination tool.

The Infilink eight-position modular jack offers enhanced performance at both component and channel levels. Additionally, to simplify installation and increase flexibility, the jack enables universal termination in either the T568A or T568B wiring pattern without field installation of labels. The Infilink Keystone jack can be terminated with any 110-style punch down tool.
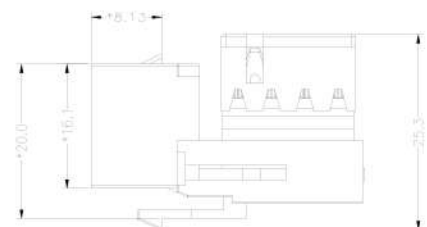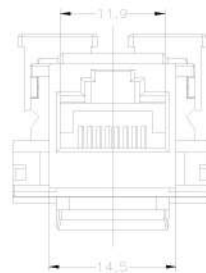
Key Features

- Fits any Standard Face Plate
- Full Cat-5e Performance
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink Cat-5e Connectivity
- Infilink Punch Down Tool

SPECIFICATIONS	PERFORMANCE
PHYSICAL	Housing and insert materials: PC UL 94V-0
MECHANICAL	
• Plug insertion life	750 Cycles
• Plug and Jack contact force	100 grams min, using FCC approved plug
• Plug retention force	30 lbs minimum
• Wire	AWG 24~26
• Temperature (Storage)	-40ºC to 85ºC
• Temperature (operation))	0ºC to 70ºC
ELECTRICAL	
• Current Rating	1.5 Amps
• Voltage Rating	125 VAC RMS
• Insulation Resistance	1,000 Mega-Ohm minimum@ 500 VDC
• Contact Resistance	100 Milli-ohm maximum
• DIELECTRIC strength	750 VAC RMS 60Hz, I Min.
• Transmission performance	100 Mbps
STANDARDS	
• FCC	Part 68
• TIA/EIA	568-B.2 (Category 5 transmission performance)

ORDER CODES

Infilink-Keystone Cat-5e, Unshielded, 8P8C,	IP-KS51

Cat-5e Tool-less Keystone Jack Module

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TECHNOLOGIES

Infilink eight-position modular jack offers enhanced performance at both component and channel levels. This modular jack offers 45 dB Next and 42 dB Power-SUM Next at 100 Mhz. Additionally, to simplify installation and to offer increased flexibility the jack allows for universal termination in either the T568A or T568B wiring pattern without field installation of labels. The jack also offers an alternate termination method to traditional 110-style punch downs. A hinged stuffer cap provides the means to lace and press the wire pairs prior to termination. Once the pairs are properly placed and trimmed, the stuffer cap is snapped onto the jack terminals using common pliers. This termination technique provides consistently high performance levels from jack to jack. The tool less jack eliminates the need for a specialized punch down tool.

Key Features

- No Termination Tools required
- Fits any Standard Face Plate
- Full Cat-5e Performance
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink Cat-6 Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL	High Impact flame retardant plastic, UL 94V-0 rated, 50 micro inch gold over 100 micron inch
MECHANICAL	
• Plug insertion life	750 Cycles
• Plug and Jack contact force	100 grams min, using FCC approved plug
• Plug retention force	30 lbs minimum
• Temperature	-40ºC to 68ºC
ELECTRICAL	
• Current Rating	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-ohm maximum
• Transmission performance	100 Mbps
STANDARDS	
• UL	UL Certified
• FCC	Part 68
• TIA/EIA	568-B.2 (Category 5 transmission performance)

ORDER CODES	
Infilink-Keystone Cat-5e, Unshielded, 8P8C, Tool Less	IP-KS51-W1

Company Profile

Voice-Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets, Data Center Solutions & Cable management

Tools

Glossary

Cat-6 Tool-less Keystone Jack Module

The affordable and high performance keystone jacks for home and office use that require no termination tools

The Infilink eight-position modular jack offers enhanced performance at both component and channel levels.

Additionally, to simplify installation and to offer increased flexibility the jack allows for universal termination in either the T568A or T568B wiring pattern without field installation of labels. The jack also offers an alternate termination method to traditional 110-style punch downs. A hinged stuffer cap provides the means to lace and press the wire pairs prior to termination. Once the pairs are properly placed and trimmed, the stuffer cap is snapped onto the jack terminals using common pliers. This termination technique provides consistently high performance levels from jack to jack. The tool less jack eliminates the need for a specialized punch down tool.

Key Features

- No Termination Tools required
- Fits any Standard Face Plate
- Full Cat-6 Performance
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers

SPECIFICATIONS	PERFORMANCE
PHYSICAL	High Impact flame retardant plastic, UL 94V-0 rated, 60 micro inch gold over 110 micron inch
MECHANICAL	
• Plug insertion life	750 Cycles
• Plug and Jack contact force	100 grams min, using FCC approved plug
• Plug retention force	30 lbs minimum
• Temperature	-40ºC to 68ºC
ELECTRICAL	
• Current Rating	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-ohm maximum
• Transmission performance	1000 Mbps
STANDARDS	
• UL	UL Verified
• FCC	Part 68
• TIA/EIA	568-B.2-1 (Category 6 transmission performance)

ORDER CODES	
Infilink-Keystone Cat-6, Unshielded, 8P8C, Tool Less	IP-KS6-W1

Cat-6 Tooled Keystone Jack Module

Company Profile

Voice Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets Data Center Solutions & Cable management

Tools

Glossary

The Infilink eight-position modular jack offers enhanced performance at both component and channel levels. Additionally, to simplify installation and increase flexibility, the jack allows for universal termination in either the T568A or T568B wiring pattern without field installation of labels. The jack offers termination method to traditional 110-style punch downs. A hinged stuffer cap provides the means to lace and press the wire pairs prior to terminating them. Once the pairs are properly placed, by using any 110 punch down tool, you can terminate each of the eight positions of wires one by one. Infilink recommends using an Infilink punch down (IP-PD001) for termination of this type of Infilink Keystone Jack.
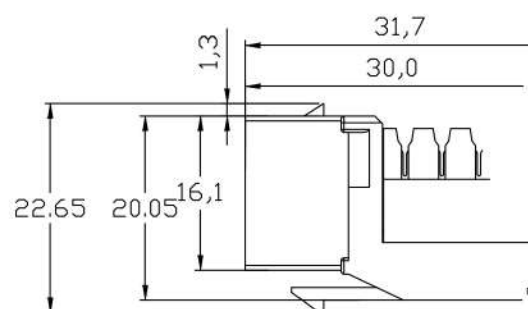
Key Features

- Fits any Standard Face Plate
- Full Cat-6 Performance
- Extended Warranty
- 1000 BASE-TX, 100BASE-T, 10 BASE-T, 155M ATM, POE

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink Punch Down Tool

SPECIFICATIONS	PERFORMANCE
PHYSICAL	High Impact flame retardant plastic, UL 94V-0 rated, RoHS compliant 60 micro inch gold over 110 micron inch lead free
MECHANICAL	
• Plug insertion life	750 Cycles
• Plug and Jack contact force	100 grams min, using FCC approved plug
• Plug retention force	30 lbs minimum
• Temperature	-10°C to 60°C
ELECTRICAL	
• Current Rating	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-Ohm maximum
• Transmission performance	1000 Mbps
STANDARDS	
• UL	UL Verified
• FCC	Part 68
• TIA/EIA	568-B.2-1 (Category 6 transmission performance)
• ISO/IEC	11801 2nd edition

| ORDER CODES	
Infilink-Keystone Cat-6, Unshielded, 8P8C, Tool Less	IP-KS6

Cat-6 Tooled Keystone Jack 180°

The Infilink eight-position 180° modular jack offers enhanced performance at both component and channel levels, specifically in environments with space constraints and limitations. Additionally, to simplify installation and increase flexibility, the jack allows for universal termination in either the T568A or T568B wiring pattern without field installation of labels. The jack offers an alternate termination method to traditional 110-style punch downs. A hinged stuffer cap provides the means to lace and press the wire pairs prior to terminating them. Once the pairs are properly placed, by using any 110 punch down tool, you can terminate each of eight positions of wires one by one. Infilink recommends using an Infilink punch down tool (IP-PD001) for terminating this type of Infilink Keystone Jack.
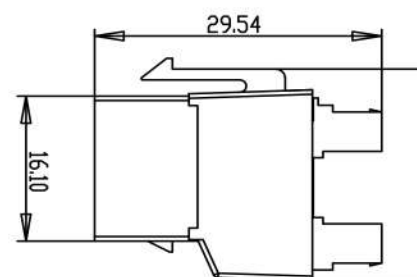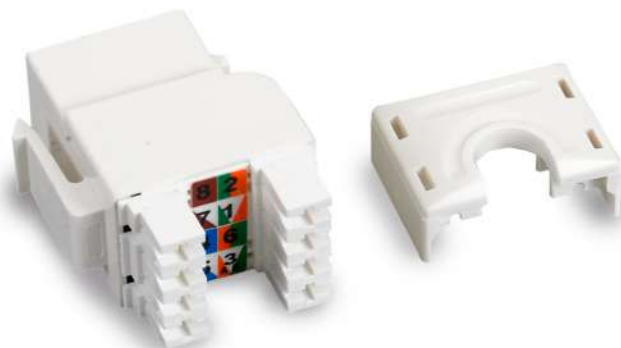
Key Features

- Fits any Standard Face Plate
- Full Cat-6 Performance
- Extended Warranty
- 1000 BASE-TX, 100BASE-T, 10 BASE-T, 155M ATM, POE

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink Punch Down Tool

SPECIFICATIONS	PERFORMANCE
PHYSICAL	High Impact flame retardant plastic, UL 94V-0 rated, 60 micro inch gold over 110 micron inch Lead free
MECHANICAL	
• Plug insertion life	750 Cycles Minimum
• Plug and Jack contact force	100 grams min, using FCC approved plug
• Plug retention force	30 lbs minimum
• Temperature	-10°C to 60°C
ELECTRICAL	
• Current Rating	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum at 100 V DC
• Contact Resistance	20 Milli-ohm maximum
• Transmission performance	1000 Mbps
STANDARDS	
• UL	UL Verified
• FCC	Part 68
• TIA/EIA	568-C.2 (Category 6 transmission performance)
• ISO/IEC	11801 2nd edition

ORDER CODES

Infilink-Keystone Cat-6, Unshielded, 8P8C, Tooled 180°	IP-KS6-180

Infilink RJ45 Security Solution

Security Solution for RJ45 Plugs in Physical Networks.

Secures your network infrastructure by blocking out unused or unauthorized RJ45 jacks, Removal requires the use of a specially designed tool (included), which adds an extra level security and prevents vandalism, Installation is easy, and removal will not interfere with the jack contacts or lead to the degradation of network performance.

PORT LOCK

Key Features

- Fits any Standard Keystone
- Extended Warranty
- Ultimate Physical Security
- Different Color for variety of solution

SPECIFICATIONS	PERFORMANCE
Unit weight	0.02 lb
Standard and Compliance	RoHS Compliant
Available Color	Pink, Black, Blue, Yellow, Orange, Green

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink Punch Down Tool

ORDER CODES	
Infilink Keylock Mechanism for RJ-45 Pink	IP-KLP
Infilink Keylock Mechanism for RJ-45 Green	IP-KLG
Infilink Keylock Mechanism for RJ-45 Yellow	IP-KLY
Infilink Keylock Mechanism for RJ-45 Orange	IP-KLO
infilink RJ45 Security Solution - Pink	IP-SSP
infilink RJ45 Security Solution - Green	IP-SSG
infilink RJ45 Security Solution - Yellow	IP-SSY
infilink RJ45 Security Solution - Orange	IP-SSO

Company Profile

Voice-Telephone System

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets & Cable management | Data Center Solutions

Tools

Glossary

Cat-6A SFTP Keystone Jack Module - EZ Tool

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The Infilink eight-position EZ tool modular keystone jack features a die-cast Housing. This innovative mechanism optimizes the PSANEXT & PSAACR-F which are the most critical criteria outlined by Class EA standard.

PCB route and unique contact alignment provides excellent electrical characteristics in easing the internal magnetic coupling up to bandwidth 500MHz. The jack supports interoperable 10G BASE-T application, backward compatible to any Class E, Class D solution. Press-Fit tech is a unique feature in this jack with no solder, no Pb, Purely RoHS compliant. This EZ tool keystone jack requires special punch down for installation. Easy and fast installation is another key feature of this jack to simplify your network and increase your efficiency.

High Performance series

Compatible with IP-EZT

Key Features

- Special Termination Tools required
- Fits any Standard Face Plate
- Full Cat-6A Performance
- Accommodates 22-24 AWG solid cable
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-6A Cables
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink 6A Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL	Housing - Die-Cast Zamak-3, Nickel Platedrated, 60 micro inch gold over 110 micron inch
MECHANICAL	
• Plug insertion life (Mating)	750 Cycles with FCC compliant RJ-45 plug
• Plug and Jack contact force	100 grams min, using FCC approved plug
• Plug retention force	30 lbs minimum
• Storage Temperature	-40ºC to 68ºC
• Operating Temperature	-10ºC to 60ºC
• Operating Humidity	10%-90%RH
ELECTRICAL	
• Current Rating	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-Ohm maximum
• Transmission performance	10Gbps
STANDARDS	
• FCC	Part 68
• TIA/EIA	568-C.2 (Category 6A transmission performance)
• UL	1863

ORDER CODES

Infilink Cat.6A High Performance Series Shielded die-cast Keystone Jack 90 Degree compatible with IP-EZT tools.	IP-KS6AHPT

Cat-6 FTP Keystone Jack Module

Company Profile

Voice-Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets & Cable management

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Infilink Shielded Solutions are ideal for industries where interference is more common or data security is critical. With shielding, internal data signals are securely contained, and isolated from Electro Magnetic Interference (EMI) and Radio Frequency Interference (RFI).

The modular solution of Infilink shielded solution not only provides flexibility to the installer, but also drastically shortens termination time. Applicable for horizontal network and voice application in a structured cabling system, including digital video, broadband & baseband analog video. The Infilink fully Shielded keystone jack offers enhanced performance at both component and channel levels. Additionally, to simplify installation and to offer increased flexibility the jack enables universal termination in either the T568A or T568B wiring pattern. The jack offers termination method of traditional 110-style and Krone punch downs.

21.3

36.45
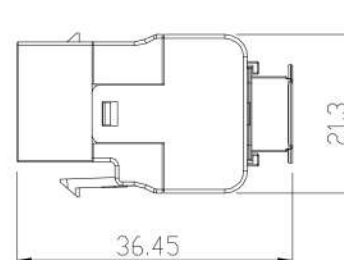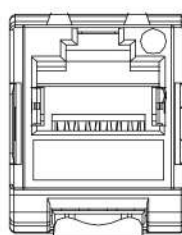
Key Features

- Robust die cast zinc alloy housing
- Dual Color coding allows 568A/B wiring
- Cat-6 Channel and Permanent Link performance when installed as a complete Cat-6 Shielded System
- RoHS Compliant
- Cable Holder wire clamp

Standard Verification

- TIA/EIA-568-C.2
- FCC part 68, Subpart F
- Amendment 1 to ISO/IEC 11801, 2nd Ed.
- EN 50173:2007
- UL 1863

SPECIFICATIONS	PERFORMANCE
Mechanical Characteristics Connector	• Housing: Zinc Alloy plated Bright Ni/Cu Contact Material: Copper Alloy
	• Contact Plating: 1.25 micrometers Au/Ni
	• Operating Life: Minimum 750 insertion cycles Contact Force: 100g minimum
	• Plug Retention Force: 6.8kg minimum
Electrical Characteristics	• Interface Resistance: 20mΩ
	• Resistance: >100MΩ
	• Initial Contact Resistance: 2.5mΩ Insulation
	• Minimum back box requirement: 44mm
IDC Connector	• Housing: Polycarbonate, UL94V-0 rated
	• IDC Contact Plating: Tin Matte Finish
	• Operating Life: Minimum 20 reterminations
	• Contact Force: 100g minimum
	• Contact Material: Copper Alloy
	• Wire Accommodation: 23 AWG solid

ORDER CODES	
Infilink-Keystone Cat-6, Shielded, 8P8C	IP-KS6S

Cat-6A FTP Keystone Jack Module

The Infilink eight-position tool less modular keystone jack features a die-cast Housing. This innovative mechanism optimizes the PSANEXT & PSAACR-F which are the most critical criteria outlined by Class EA standard.

PCB route and unique contact alignment provides excellent electrical characteristics in easing the internal magnetic coupling up to bandwidth 500MHz. The jack supports interoperable 10G BASE-T application, backward compatible to any Class E, Class D solution. Press-Fit tech is a unique feature in this jack with no solder, no Pb, Purely RoHS compliant. This tool-less keystone jack requires no punch down for installation. Easy and fast installation is another key feature of this jack to simplify your network and increase your efficiency.

Key Features

- No Termination Tools required
- Fits any Standard Face Plate
- Full Cat-6A Performance
- Accommodates 22-24 AWG solid cable
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-6A Cables
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink 6A Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL	High Impact flame retardant plastic, UL 94V-0 rated, 60 micro inch gold over 110 micron inch
MECHANICAL	
• Plug insertion life (Mating)	750 Cycles with FCC compliant RJ-45 plug
• Plug and Jack contact force	100 grams min, using FCC approved plug
• Plug retention force	30 lbs minimum
• Storage Temperature	-40ºC to 68ºC
• Operating Temperature	-10ºC to 60ºC
• Operating Humidity	10%-90%RH
ELECTRICAL	
• Current Rating	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-Ohm maximum
• Transmission performance	10,000 Mbps
STANDARDS	
• FCC	Part 68
• TIA/EIA	568-B.2-1 (Category 6A transmission performance)

ORDER CODES

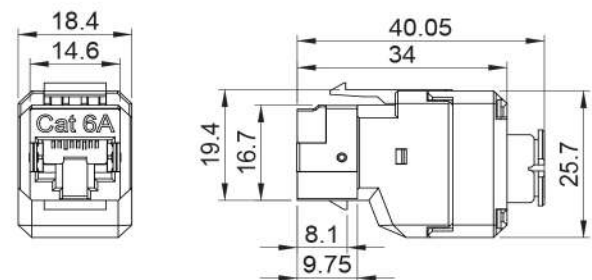|	
Infilink Cat-6A Keystone Jack, Tool Less Shielded, TIA568B RoHS	IP-KS6AS

Cat-6A UTP Keystone Jack Module

The Infilink eight-position tool less modular keystone jack features a die-cast Housing. This innovative mechanism optimizes the PSANEXT & PSAACR-F which are the most critical criteria outlined by Class EA standard.

PCB route and unique contact alignment provides excellent electrical characteristics in easing the internal magnetic coupling up to bandwidth 500MHz. The jack supports interoperable 10G BASE-T application, backward compatible to any Class E, Class D solution. Press-Fit tech is a unique feature in this jack with no solder, no Pb, Purely RoHS compliant. This tool-less keystone jack requires no punch down for installation. Easy and fast installation is another key feature of this jack to simplify your network and increase your efficiency.

High Performance series

Key Features

- No Termination Tools required
- Fits any Standard Face Plate
- Full Cat-6A Performance
- Accommodates 22-24 AWG solid cable
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-6A Cables
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink 6A Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL	High Impact flame retardant plastic, UL 94V-0 rated, 60 micro inch gold over 110 micron inch
MECHANICAL	
• Plug insertion life (Mating)	750 Cycles with FCC compliant RJ-45 plug
• Plug and Jack contact force	100 grams min, using FCC approved plug
• Plug retention force	30 lbs minimum
• Storage Temperature	-40ºC to 68ºC
• Operating Temperature	-10ºC to 60ºC
• Operating Humidity	10%-90%RH
ELECTRICAL	
• Current Rating	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-Ohm maximum
• Transmission performance	10,000 Mbps
STANDARDS	
• FCC	Part 68
• TIA/EIA	568-B.2-1 (Category 6A transmission performance)

ORDER CODES	
Infilink Cat.6A High Performance Series Keystone Jack 180 Degree	IP-KS6AHP180
Infilink Cat.6A High Performance Series Keystone Jack 90 Degree	IP-KS6AHP90

Company Profile

Voice-Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets & Cable management
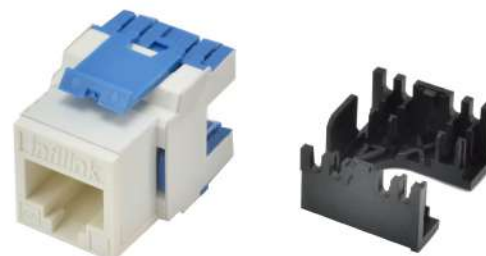
Data Center Solutions

Tools

Glossary

Cat-6 Keystone Jack Module Port Lock

The Infilink eight-position tool less modular keystone jack features a die-cast Housing. This innovative mechanism optimizes the PSANEXT & PSAACR-F which are the most critical criteria outlined by Class E standard.

PCB route and unique contact alignment provides excellent electrical characteristics in easing the internal magnetic coupling up to bandwidth 250MHz. The jack supports interoperable 10 BASE-T application, backward compatible to any Class D solution. Press-Fit tech is a unique feature in this jack with no solder, no Pb, Purely RoHS compliant. This tool-less keystone jack requires no punch down for installation. Easy and fast installation is another key feature of this jack to simplify your network and increase your efficiency. It support physical security for optimum protection by having special key tools, specialy designed for secure application.

PORT LOCK

Key Features

- No Termination Tools required
- Fits any Standard Face Plate
- Full Cat-6 Performance
- Accommodates 22-24 AWG solid cable
- Optimum Security
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-6 Cables
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink 6 Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL	High Impact flame retardant plastic, UL 94V-0 rated, 60 micro inch gold over 110 micron inch
MECHANICAL	
• Plug insertion life (Mating)	750 Cycles with FCC compliant RJ-45 plug
• Plug and Jack contact force	100 grams min, using FCC approved plug
• Plug retention force	30 lbs minimum
• Storage Temperature	-40ºC to 68ºC
• Operating Temperature	-10ºC to 60ºC
• Operating Humidity	10%-90%RH
ELECTRICAL	
• Current Rating	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-Ohm maximum
• Transmission performance	10,000 Mbps
STANDARDS	
• FCC	Part 68
• TIA/EIA	568-B.2-1 (Category 6 transmission performance)

ORDER CODES	
Infilink Cat-6 Keystone Jack, Tool Less Shielded, TIA568B RoHS	IP-6KTVNK-F1MTZ
Infilink Secure Key	IP-KEY-M01RDPVCZ

Cat-6 Shielded Keystone Jack Module Port Lock

The Infilink eight-position tool less shielded modular keystone jack features a die-cast Housing. This innovative mechanism optimizes the PSANEXT & PSAACR-F which are the most critical criteria outlined by Class E standard.

PCB route and unique contact alignment provides excellent electrical characteristics in easing the internal magnetic coupling up to bandwidth 250MHz. The jack supports interoperable 10 BASE-T application, backward compatible to any Class D solution. Press-Fit tech is a unique feature in this jack with no solder, no Pb, Purely RoHS compliant. This tool-less keystone jack requires no punch down for installation. Easy and fast installation is another key feature of this jack to simplify your network and increase your efficiency. It support physical security for optimum protection by having special key tools, specialy designed for secure application.

PORT LOCK

Key Features

- No Termination Tools required
- Fits any Standard Face Plate
- Full Cat-6 Performance
- Accommodates 22-24 AWG solid cable
- Optimum Security
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-6 Cables
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Chables
- Infilink 6 Connectivity

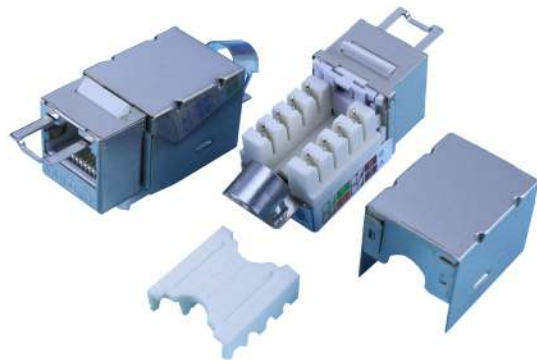| SPECIFICATIONS	PERFORMANCE
PHYSICAL	High Impact flame retardant plastic, UL 94V-0 rated, 60 micro inch gold over 110 micron inch
MECHANICAL	
• Plug insertion life (Mating)	750 Cycles with FCC compliant RJ-45 plug
• Plug and Jack contact force	100 grams min, using FCC approved plug
• Plug retention force	30 lbs minimum
• Storage Temperature	-40°C to 68°C
• Operating Temperature	-10°C to 60°C
• Operating Humidity	10%-90%RH
ELECTRICAL	
• Current Rating	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-Ohm maximum
• Transmission performance	10,000 Mbps
STANDARDS	
• FCC	Part 68
• TIA/EIA	568-B.2-1 (Category 6 transmission performance)

ORDER CODES	
Infilink Cat-6 Keystone Jack, Tool Less Shielded, TIA568B RoHS	IP-6KTVNK-F1MT
Infilink Secure Key	IP-KEY-M01RDPVCZ

Plug Rescue

QUICK & EASY way to repair your broken Ethernet Plug Infilink RJ45 Plug Rescue

Why you need Cable Rescue?

Fixes broken jacks with 3 simple steps
No tools required
Restores secure connection immediately
Fits all standard RJ45 modular plugs
In various attractive colors
Fast and easy application
Ideal for color coding existing patch cables

Key Features

- Fits any Standard Jack
- Ultimate solution for broken tip

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink Punch Down Tool

SPECIFICATIONS	PERFORMANCE
Color Availability	Transparent, Red, Blue, Black, Green, Purple, Yellow Orange

ORDER CODES	
Infilink-RJ45 Plug Rescue	IP-PR001

Cat-6 Inline Coupler

Company Profile

Voice Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets & Cable management | Data Center Solutions

Tools

Glossary

RJ45 Inline Coupler (IDC)
Category 5e or 6 RJ45 Punch-Down In-line Coupler (IDC)

CAT 5E or CAT 6 Punchdown / Krone Coupler White Colour Coded, Suitable for solid cable
Internal Use
The IDC in-line coupler allows you to repair damaged cables, or extend existing cables using punchdown IDC terminations, has a removable lid which gives access to two IDC blocks which can be used to joint two Category 5e or 6 24AWG solid conductors.

The unit can be screwed to any surface using the fixings supplied or stuck using a double side sticky pad.

Available in Category 5e and Category 6.

Key Features

- Termination Tools required
- Screwed to any surface
- Full Cat-6 and 5e Performance
- Accommodates 22-24 AWG solid cable
- Extended Warranty

SPECIFICATIONS	PERFORMANCE
PHYSICAL	PVC plastic
MECHANICAL	
• Plug contact	IDC Type
• Plug retention force	30 lbs minimum
• Storage Temperature	-40ºC to 68ºC
• Operating Temperature	-10ºC to 60ºC
• Operating Humidity	10%-90%RH

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-6A Cables
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink 6A Connectivity

ORDER CODES	
infilink Cat.6 Inline Coupler Unshielded	IP-ICUS6

RJ-45 Male Plug and Boot Covers

The affordable and high-performance RJ-45 Plugs for home and office use

The Infilink eight-position RJ-45 Male Plug offers enhanced performance at both component and channel levels. This RJ-45 Male Plug offers Excellent performance in NEXT and Attenuation.

The RJ-45 Male Plug is ideal for termination of modular cords for patching or workstation applications, so that modular cords can be terminated to the exact length needed for neater, more organized installations. The plug terminate 24 ~ 26 AWG solid or stranded wires. All Male RJ-45 plugs do carry a 50 micron gold plating.

Key Features

- Long insertion and durability life cycle
- Ideal for Solid and Stranded cords
- Full Cat-5e Performance
- Extended Warranty

Companion Products
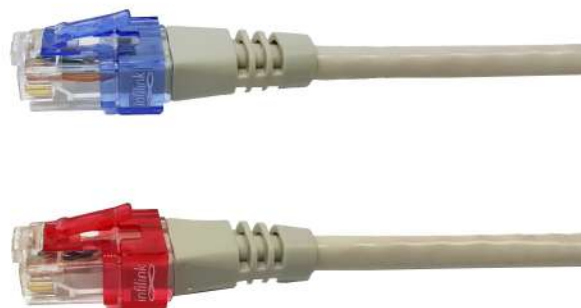
Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Patch Cables
- Infilink Cat-6 Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL	
MECHANICAL	
• Cable-Plug Tensile Strenght	20 lbs min.
• Durability	750 Cycles min.
• Temperature	-20°C to 80°C
• Humidity	10% - 90% RH
ELECTRICAL	
• Rated Voltage, Current:	30V AC at 1.5 A
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-Ohm maximum
• Dielectric Strength	1000V AC (RMS)
STANDARDS	
• ANSI/TIA	1096-A
• ISO/IEC	11801 2nd Edition
• FCC	Part 68
• IEC	6060 3-7
MATERIAL	
• Housing	Polycarbonate (PC)
• Contacts	Copper alloy selective, min. 50 Micron gold over Nickel plating Lead Free ROHS Compliant

ORDER CODES	
Infilink-Modular Plug Unsh. 8P8C, for Stranded & round cable Cat-5e pack of 100	IP-SERJ45
Infilink-RJ45 Boot Cover with Strain Relief Blue	IP-BC-B
Infilink-RJ45 Boot Cover with Strain Relief Green	IP-BC-GR
Infilink-RJ45 Boot Cover with Strain Relief Gray	IP-BC-GY
Infilink-RJ45 Boot Cover with Strain Relief Red	IP-BC-R
Infilink-RJ45 Boot Cover with Strain Relief Yellow	IP-BC-Y

www.InfilinkTechnologies.com

RJ-45 Male Plug and Boot Covers

Company Profile

Voice-Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets & Cable management

Data Center Solutions

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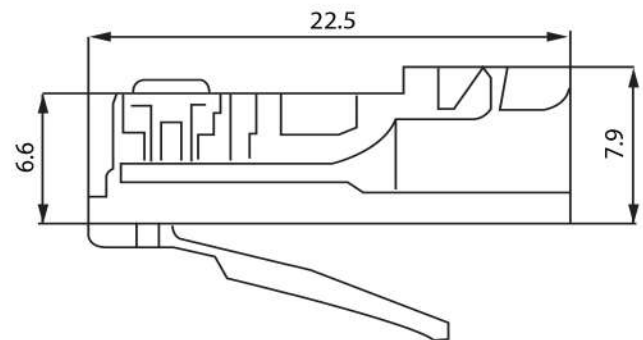TECHNOLOGIES

The affordable and high-performance RJ-45 Plugs for home and office use

The Infilink eight-position RJ-45 Male Plug offers enhanced performance at both component and channel levels. This RJ-45 Male Plug offers Excellent performance in NEXT and Attenuation.

The RJ-45 Male Plug is ideal for termination of modular cords for patching or workstation applications, so that modular cords can be terminated to the exact length needed for neater, more organized installations. The plug terminate 24 ~ 26 AWG solid or stranded wires. All Male RJ-45 plugs do carry a 50 micron gold plating.

High Performance series

Key Features

- Long insertion and durability life cycle
- Ideal for Solid and Stranded cords
- Full Cat-6 and Cat-6A Performance
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Patch Cables
- Infilink Cat-6 Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL	
MECHANICAL	
• Cable-Plug Tensile Strenght	20 lbs min.
• Durability	750 Cycles min.
• Temperature	-20°C to 80°C
• Humidity	10% - 90% RH
ELECTRICAL	
• Rated Voltage, Current:	30V AC at 1.5 A
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-Ohm maximum
• Dielectric Strength	1000V AC (RMS)
STANDARDS	
• ANSI/TIA	1096-A
• ISO/IEC	11801 2nd Edition
• FCC	Part 68
• IEC	6060 3-7
MATERIAL	
• Housing	Polycarbonate (PC)
• Contacts	Copper alloy selective, min. 50 Micron gold over Nickel plating Lead Free ROHS Compliant

ORDER CODES	
infilink Cat6.A Jack Module 8P8C with Boot Cover	IP-SERJBC6A45
infilink Cat6 Jack Module 8P8C	IP-SERJ645

Faceplate British Style
Angled Modular 1 & 2 Port

infilink
TECHNOLOGIES

The affordable and sleek one and two port faceplates for home and office use.

At the work area or home, Infilink faceplates are designed to mount in either one or two outlet configurations. These faceplates are available in ivory 1 and 2 port straight shuttered and angled modular shuttered varieties and offer a sleek, elegant appearance. Designation labels (included), provide ample circuit identification.

The faceplates can be mounted onto any British-Style back box. Because the couplers can be easily snapped out of the front of the faceplate, the faceplates do not need to be removed after installation; making moves, adds, and changes quick and easy. The preventive dust cover with spring on the back side of the shutter will ensure long cycle life and smooth action of the shutter for years to come.

Keystone Adaptor

Key Features

- Allow easy circuit identification using the Infilink labeling
- Shutters
- Protective spring dust cover
- Can be wall mounted
- Extended Warranty

Keystone Adaptor   Blank Adaptor

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Keystone Jacks
- Infilink Wall Boxes

SPECIFICATIONS	PERFORMANCE
PHYSICAL DIMENSTIONS (LxH)	86 x 86 (mm) Face Plate
WEIGHT	0.20 Kg

ORDER CODES	
Infilink-Face Plate, 86 x 86 UK Style, Double Port, Angled, Shuttered, Modular	IIP-FPAM2P
Infilink-Face Plate, 86 x 86 UK Style, Single Port, Angled, Shuttered, Modular	IP-FPAM1P
Infilink-1-Port Angled module Bezel with ID for IP-FPAM1P and IP-FPAM2P	IIP-FPAMS1
Infilink-Blank Insert 12.5 X 50mm for IP-FPAM1P and IP-FPAM2P	IP-FPAMB1

www.InfilinkTechnologies.com

Faceplate
French & British Style

Company Profile

Voice Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets Data Center Solutions & Cable management

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Glossary

The affordable and sleek one and two port faceplates for home and office use.

Infilink one-port French style faceplate designed for home and office use. At the work area or home, Infilink French & British style faceplates are designed to mount in single-outlet configurations. These faceplates are shuttered for elegant appearance. Designation lables (included) provide ample circuit identification.

The faceplates can be mounted onto any French or British style back box.

Key Features

- Fits any Standard Face Plate
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink Cat-6 Connectivity
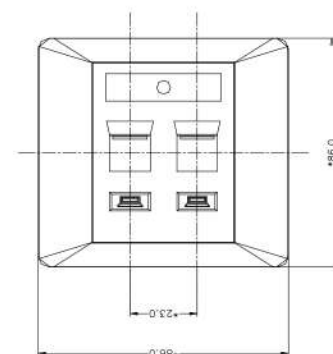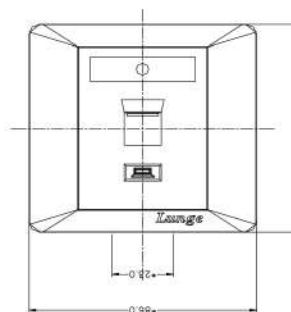
SPECIFICATIONS	PERFORMANCE
MECHANICAL	
• Body	ABS
• Temperature	- 40°C to +70°C

ORDER CODES	
Infilink one port face plate French style 45X45	IP-FPFS1P
Infilink one port face plate British style 86X86	IP-FPBS1P
Infilink two ports face plate British style 86X86	IP-FPBS2P

Surface Box Cat-5e Loaded

The affordable and sleek Surface box for home and office use

At the work area or home, Infilink Surface Box is designed to mount on any wall. These surface boxes are available in ivory single-port loaded with one cat-5e keystone jack and unloaded type with elegant appearance. Designation labels (included), provide ample circuit identification.

The preventive dust cover with spring on the back of the shutter will ensure long cycle life and smooth action of the shutter for years to come.

- Surface mount boxes for adding an Ethernet or Telephone ports
- Connect s firmly & durably
- Available in White color

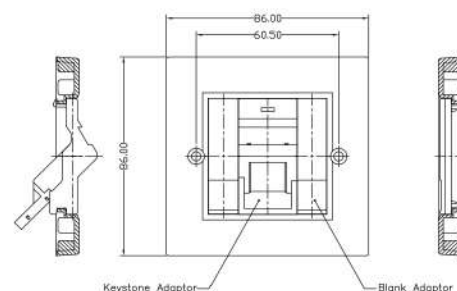IP-SB5E1L

IP-SB5E1P

IP-MBX01

Key Features

- Allow easy circuit identification using the Infilink labeling
- Shutters
- Protective spring dust cover
- Can be wall mounted
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning:

Infilink Patch Panels
- Infilink RJ-45 Connectors
- Infilink Keystone Jacks
- Infilink Wall Boxes
- Infilink Face Plates
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink Cat-5e & 6 Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL DIMENSTIONS (LxH)	45.3 x 60.3 (mm) Surface Box
WEIGHT	0.20 Kg
Surface Box without Keystone Jack
Single Port, Wall Mount
PHYSICAL DIMENSTIONS (LxH)	86 x 86 (mm) Face Plate
WEIGHT	0.20 Kg

ORDER CODES	
Infilink-Surface Mount Box, Single Port, Wall mount	IP-SB5E1L
Infilink Back (Mounting) Box 86X86X43	IP-MBX01
Infilink-Surface Box, Single Port, Wall mount	IP-SB5E1P

Faceplate British Style
Angled Modular 1 & 2 Port

The affordable and sleek one and two port faceplates for home and office use.

At the work area or home, Infilink faceplates are designed to mount in either one or two outlet configurations. These faceplates are available in ivory 1 and 2 port straight shuttered and angled modular shuttered varieties and offer a sleek, elegant appearance. Designation labels (included), provide ample circuit identification.

The faceplates can be mounted onto any British-Style back box. Because the couplers can be easily snapped out of the front of the faceplate, the faceplates do not need to be removed after installation; making moves, adds, and changes quick and easy. The preventive dust cover with spring on the back side of the shutter will ensure long cycle life and smooth action of the shutter for years to come.

Key Features

- Allow easy circuit identification using the Infilink labeling
- Shutters
- Protective spring dust cover
- Can be wall mounted
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Keystone Jacks
- Infilink Wall Boxes
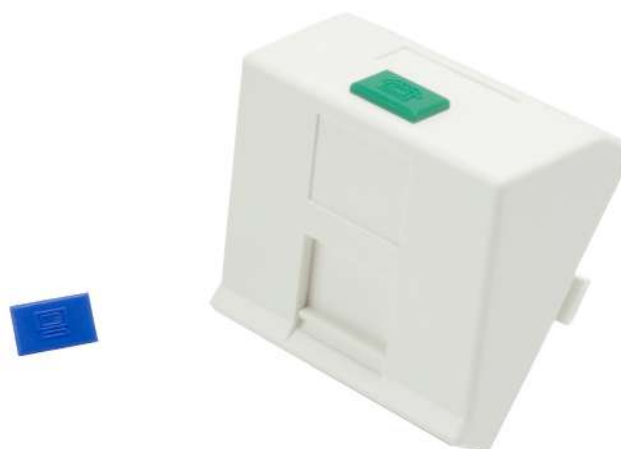
SPECIFICATIONS	PERFORMANCE
PHYSICAL DIMENSTIONS (LxH)	86 x 86 (mm) Face Plate
WEIGHT	0.20 Kg

ORDER CODES	
infilink Face Plate Single Gang 2 Port with Color Icon Angled	IP-FPAMSG2P
infilink Face Plate Single Gang 1 Port with Color Icon Angled	IP-FPAMSG1P

Green UTP Cable e-Series (Gigabit)

Giga Plus CCA UTP 4 pair Solid PVC cable Compliant to Gigabit Ethernet (1000 Base-T) Standard

Infilink is pleased to announce the availability of the very latest Economic proofed UTP data cable performing to fully Gigabit Ethernet Applications. Infilink e-Series GIGA Plus CCA UTP cable is designed for Gigabit Ethernet & ATM-155 standards! Over the last years in many markets there has been increasing interest in Copper-Clad Aluminum (CCA) wires as a possible way of reducing material costs in certain types of cables. CCA consists of copper cladding surrounding an aluminum core. The most common grade of CCA is 10% CCA, meaning that it contains 10% copper by volume: only 5% of the radial thickness of this grade of CCA is copper and the rest is aluminum, though it contains approximately 43% copper by weight, since copper is a much denser metal than aluminum. 10% CCA has an overall conductivity of 65% IACS, i.e. 65% of the conductivity of an all-copper conductor of the same cross-section, but its average density is only 37% of copper.

e SERIES

Key Features

- Allow easy circuit identification using the Infilink labeling
- Shutters
- Protective spring dust cover
- Can be wall mounted
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning:

- Infilink Patch Panels
- Infilink RJ-45 Connectors
- Infilink Keystone Jacks
- Infilink Wall Boxes
- Infilink Face Plates
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink Cat-5e & 6 Connectivity

SPECIFICATIONS	PERFORMANCE
MECHANICAL	
• Gauge Wire	23 AWG
• Core Diameter (Bare)	0.574 +/- 0.008 mm
• N.O.M. Outside Diameter	6.30 +/- 0.2 mm
• Metal Core Type	Solid
• Number of Pairs	4
• Jacket	PVC
ELECTRICAL at 250 MHz	
• Attenuation	31.2 dB/90 meter
• Next (Min)	38.1 dB
• PSNext (Min)	36.4 dB
• ELFEXT (Min)	19.5 dB
• PSELFEXT (Min)	16.4 dB
• Return Loss (Min)	12 dB
• ACR	8.7 dB at 90 meters
• PS ACR	9.8 dB at 90 meters
LIMITED WARRANTY	5 years
STANDARD COMPLIANCES	ANSI/TIA/EIA-568-B ISO/IEC 11801
PHYSICAL DIMENSIONS (L x W x H)	390 x 390 x 230
WEIGHT	12.4 kg
ENVIRONMENTAL SPECIFICATIONS	
• Operating Temperature	0 to 55ºC
• Storage Temperature	-20 to 70ºC
• Humidity	10% to 85% RH non-condensing

ORDER CODES	
E-Series Giga Plus CCA UTP 4 pair	IE-CCA6

Cat-5e UTP PVC Cable
(Giga Ready)

Company Profile

Voice-Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets & Cable management

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Glossary

The affordable Giga Ready cable for high-performance LAN connections

Infilink is pleased to announce the availability of the very latest in high-grade data cable performing to fully ratified Cat-5e (Enhanced) specifications for high performance networks.

Exceeding standard data-grade Cat-5 data cable, Infilink GIGA READY Cat-5e cable is designed with the very latest network standards in mind including gigabit Ethernet (1000 BaseTX) and ATM-155. Complete confidence is assured when running Infilink GIGA READY Cat-5e data cable in your network with increased signal reliability and improved signal characteristics compared to stock grade Cat-5e data cable.

Our Infilink GIGA READY Cat-5e cable is manufactured with specifications of ETL and UL standards in one of the world's leading cable fabrication facilities maintaining the highest quality of data cable anywhere in the world. Infilink GIGA READY Cat-5e cable is not only Gigabit ready, but also ex-stock ready anytime to any destination, in its "easy-pull" box, loved by installers.

GIGA READY

Key Features

- Snag – free box
- Full Cat-5e Channel Test compliant
- Meter marked for extra convenience
- 1000 Base –TX
  (Gigabit Ethernet compliant)
- ISO-11801, EIA/TIA 568A,
  EN50173 Compliant
- Exceeds the Category
  5E performance standards
- Full ETL and UL certified

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink RJ-45 Connectors
- Infilink Keystone Jacks
- Infilink Wall Boxes
- Infilink Face Plates
- Infilink Boot Covers
- Infilink Patch Cables

SPECIFICATIONS	PERFORMANCE
Mechanical	
Gauge Wire	24 AWG
Core Diameter	0.92 mm
N.O.M. Outside Diameter	5.20 mm
Metal Core type	Solid
Number of Pairs	4
Jacket	PVC
Electrical at 100 MHz	
Attenuation (Max.)	22 dB/100 meter
Next (Min/Typical)	40/49 dB
PSNext (Min/Typical)	37/45 dB
ELFEXT (Min/Typical)	24/31 dB
PSELFEXT (Min/Typical)	21/28 dB
Return loss (Min.)	20.1 dB
ACR	27.2 dB at 90 meter
PS ACR	23.2 dB at 90 meter
LIMITED WARRANTY	15 Year
STANDARD COMPLIANCES	ANSI/TIA/EIA-568-A and B
	ISO/IEC 11801
	EN50173 Compliant
	ETL Compliant
	UL Compliant
	ISO 9001
PHYSICAL DIMENSTIONS (LxWxH)	350 x 215 x 350 (mm)
WEIGHT	9.2 KG
ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature	0 to 55ºC
Storage Temperature	-20 to 70ºC
Humidity	10% to 85% RH non-condensing

ORDER CODES

Infilink – GIGA Ready UTP Cat-5e Solid 24 AWG 4 pair Cable	IP-CU5ePS

Cat-6 UTP PVC Cable
(Thunder Series)

Infilink is pleased to announce the availability of the very latest in high-grade data cable performing to fully ratified Cat-6 specifications for high-performance networks.

Exceeding standard data grade Cat-6 data cable, Infilink GIGA READY Cat-6 cable is designed with the very latest network standards in mind including gigabit Ethernet (1000BaseTX) and ATM-155. Complete confidence is assured when running Infilink GIGA READY Cat-6 data cable in your network with increased signal reliability and improved signal characteristics compared to stock grade Cat-6 data cable.

Our Infilink GIGA READY Cat-6 cable is manufactured with specifications of ETL and CE standards in one of the world's leading cable fabrication facilities maintaining the highest quality of data cable anywhere in the world. Infilink GIGA READY Cat-6 cable is not only Gigabit ready, but also ex-stock ready anytime to any destination, in its "easy-pull" box, loved by installers.

Key Features

- Snag – free box
- Full Cat-6 Channel Test compliant
- Meter marked for extra convenience
- 1000 Base –TX (Gigabit Ethernet compliant)
- ISO-11801, EIA/TIA 568B, EN50173 Compliant
- Exceeds the Category 6 performance standards
- Full ETL and CE Verified

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink RJ-45 Connectors
- Infilink Keystone Jacks
- Infilink Wall Boxes
- Infilink Face Plates
- Infilink Boot Covers

SPECIFICATIONS	PERFORMANCE
MECHANICAL	
Gauge Wire	23 AWG
Core Diameter (Bare)	0.56 mm
N.O.M. Outside Diameter	6.30 mm
Metal Core type	Solid
Number of Pairs	4
Jacket	PVC
ELECTRICAL at 250 MHz	
Attenuation	32.8 dB/90 meter
Next (Min)	38.3dB
PSNext (Min)	36.3 dB
ELFEXT (Min)	19.8 dB
PSELFEXT (Min)	16.8 dB
Return loss (Min)	17.3 dB
ACR	5.5 dB at 90 meter
PS ACR	3.5 dB at 90 meter
LIMITED WARRANTY	15 Year
STANDARD COMPLIANCES	ANSI/TIA/EIA-568-B
	ISO/IEC 11801
	EN50173 Compliant
	ETL Verified
	CE Verified
	ISO 9001
PHYSICAL DIMENSTIONS (LxWxH)	330 x 265 x 335 (mm)
WEIGHT	14.6 KG
ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature	0 to 55° C
Storage Temperature	-20 to 70ºC
Humidity	10% to 85% RH non-condensing

ORDER CODES	
Infilink-Cat-6, High Performance ETL, UL, UTP Cable (305 meter)	IP-CU6P

Cat-6A UTP PVC Cable
(HP Series)

Infilink is pleased to announce the availability of the very latest in high-grade data cable performing to fully ratified Cat-6A specifications for high-performance networks.

Exceeding standard data grade Cat-6A data cable, Infilink 10 G READY Cat-6A cable is designed with the very latest network standards in mind including gigabit Ethernet (10GBase-T). Complete confidence is assured when running Infilink 10 G READY Cat-6A data cable in your network with increased signal reliability and improved signal characteristics compared to stock grade Cat-6A data cable.

Our Infilink 10 G READY Cat-6A cable is manufactured with specifications of ETL and CE standards in one of the world's leading cable fabrication facilities maintaining the highest quality of data cable anywhere in the world.

High Performance series

Key Features

- Full Cat-6A Test compliant
- Meter marked for extra convenience
- 10G Base –TX (10 Gigabit Ethernet compliant)
- ISO-11801, EIA/TIA 568B, EN50173 Compliant
- Exceeds the Category 6A performance standards
- Full ETL and CE Verified

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink RJ-45 Connectors
- Infilink Keystone Jacks
- Infilink Wall Boxes
- Infilink Face Plates
- Infilink Boot Covers

SPECIFICATIONS	PERFORMANCE
MECHANICAL	
Gauge Wire	23 AWG
Core Diameter (Bare)	0.56 mm
N.O.M. Outside Diameter	6.30 mm
Metal Core type	Solid
Number of Pairs	4
Jacket	PVC
ELECTRICAL at 250 MHz	
Attenuation	32.8 dB/90 meter
Next (Min)	38.3dB
PSNext (Min)	36.3 dB
ELFEXT (Min)	19.8 dB
PSELFEXT (Min)	16.8 dB
Return loss (Min)	17.3 dB
ACR	5.5 dB at 90 meter
PS ACR	3.5 dB at 90 meter
LIMITED WARRANTY	25 Year
STANDARD COMPLIANCES	ANSI/TIA/EIA-568-B
	ISO/IEC 11801
	EN50173 Compliant
	ETL Verified
	CE Verified
	ISO 9001
PHYSICAL DIMENSTIONS (LxWxH)	330 x 265 x 335 (mm)
WEIGHT	14.6 KG
ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature	0 to 55° C
Storage Temperature	-20 to 70°C
Humidity	10% to 85% RH non-condensing

ORDER CODES	
Infilink-Cat-6A, High Performance ETL, UL, UTP Cable (305 meter)	IP-CU6AHP

Company Profile

Voice Telephone System

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets & Cable management

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Cat-6 UTP PVC Cable
(HP Series)

Infilink is pleased to announce the availability of the very latest in high-grade data cable performing to fully ratified Cat-6 specifications for high-performance networks.

Exceeding standard data grade Cat-6 data cable, Infilink High Performance Series Cat-6 cable is designed with the very latest network standards in mind including gigabit Ethernet (1000BaseTX) and ATM-155. Complete confidence is assured when running Infilink High Performance Cat-6 data cable in your network with increased signal reliability and improved signal characteristics compared to stock grade Cat-6 data cable.

Our Infilink High Performance Cat-6 cable is manufactured with specifications of ETL and CE standards in one of the world's leading cable fabrication facilities maintaining the highest quality of data cable anywhere in the world.

Key Features

- Full Cat-6 Test compliant
- Meter marked for extra convenience
- 1G Base –TX (Gigabit Ethernet compliant)
- ISO-11801, EIA/TIA 568B, EN50173 Compliant
- Exceeds the Category 6 performance standards
- Full ETL and CE Verified

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink RJ-45 Connectors
- Infilink Keystone Jacks
- Infilink Wall Boxes
- Infilink Face Plates
- Infilink Boot Covers

SPECIFICATIONS	PERFORMANCE
MECHANICAL	
Gauge Wire	23 AWG
Core Diameter (Bare)	0.56 mm
N.O.M. Outside Diameter	6.30 mm
Metal Core type	Solid
Number of Pairs	4
Jacket	PVC
ELECTRICAL at 250 MHz	
Attenuation	32.8 dB/90 meter
Next (Min)	38.3dB
PSNext (Min)	36.3 dB
ELFEXT (Min)	19.8 dB
PSELFEXT (Min)	16.8 dB
Return loss (Min)	17.3 dB
ACR	5.5 dB at 90 meter
PS ACR	3.5 dB at 90 meter
LIMITED WARRANTY	15 Year
STANDARD COMPLIANCES	ANSI/TIA/EIA-568-B
	ISO/IEC 11801
	EN50173 Compliant
	ETL Verified
	CE Verified
	ISO 9001
PHYSICAL DIMENSTIONS (LxWxH)	330 x 265 x 335 (mm)
WEIGHT	14.6 KG
ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature	0 to 55° C
Storage Temperature	-20 to 70ºC
Humidity	10% to 85% RH non-condensing

ORDER CODES

Infilink-Cat-6, High Performance ETL, UL, UTP Cable (305 meter)	IP-CU6HP

Cat-5e SFTP Cable (LSZH)

Infilink Shielded Solutions is ideal for industries where interference is more common or data security is critical. With shielding, internal data signals are securely contained, and isolated from Electro Magnetic Interference (EMI) and Radio Frequency Interference (RFI). The modular solution of Infilink shielded solution, not only provides flexibility to the installer, but also drastically shortens termination time. Applicable for horizontal network and voice application in a structured cabling system, including digital video, broadband & baseband analog video. Tinned copper braiding used inside the cable over all the four pairs. A cross filler is cabled in between to separate the four pairs of insulated conductors. The cable is supported by a drain wire to allow for grounding of any excess voltage on the link. The overall jacket is covered with flame-retardant LSZH compound.

Key Features

- 305 m/1000 ft – Wooden Reel
- Full Cat-5e Channel Test compliant
- ISO-11801, EIA/TIA 568B
- Exceeds the Category 5e performance standards
- Delta EC Certified

Companion Products

Consider these related Infilink products in your network planning:

- Infilink Cat-5e Patch Panels
- Infilink Cat-5e Keystone Jacks
- Infilink Wall Boxes
- Infilink Face Plates
- Infilink Cat-5e Patch Cord

SPECIFICATIONS	PERFORMANCE
MECHANICAL	
• Gauge Wire	24 AWG
• Core Diameter (Bare)	0.51 +/- 0.01 mm
• N.O.M. Outside Diameter	5.99 +/- 0.3 mm
• Metal Core Type	Solid
• Number of Pairs	4
• Jacket	LSHF
ELECTRICAL at 100 MHz	
• Next (Min)	65.3 dB
• PSNext (Min)	62.3 dB
• ELFEXT (Min)	64.0 dB
• PSELFEXT (Min)	61.0 dB
• Return Loss (Min)	20 dB
• Insertion Loss	1.967dB at 100 meters
LIMITED WARRANTY	5 years
STANDARD COMPLIANCES	ANSI/TIA/EIA-568-B ISO/IEC 11801
ENVIRONMENTAL SPECIFICATIONS	
• Operating Temperature	0 to 50ºC
• Storage Temperature	-10 to 50ºC

ORDER CODES	
Infilink Cat-5e SFTP 23AWG 4 Pair Solid Copper Cable LSZH	IP-CSF5

Cat-6A SFTP Cable (LSZH)

Infilink Shielded Solutions is ideal for industries where interference is more common or data security is critical. With shielding, internal data signals are securely contained, and isolated from Electro Magnetic Interference (EMI) and Radio Frequency Interference (RFI). The modular solution of Infilink shielded solution, not only provides flexibility to the installer, but also drastically shortens termination time. Applicable for horizontal network and voice application in a structured cabling system, including digital video, broadband & baseband analog video. Tinned copper braiding used inside the cable over all the four pairs. A cross filler is cabled in between to separate the four pairs of insulated conductors. The cable is supported by a drain wire to allow for grounding of any excess voltage on the link. The overall jacket is covered with flame-retardant LSZH compound.

Key Features

- 305 m/1000 ft – Wooden Reel
- Full Cat-6A Test compliant
- ISO-11801, EIA/TIA 568B
- Exceeds the Category 6A performance standards
- Delta EC Certified

Companion Products

Consider these related Infilink products in your network planning:

- Infilink Cat-6A Patch Panels
- Infilink Cat-6A Keystone Jacks
- Infilink Wall Boxes
- Infilink Face Plates
- Infilink Cat-6A Patch Cord

SPECIFICATIONS	PERFORMANCE
MECHANICAL	
• Gauge Wire	24 AWG
• Core Diameter (Bare)	0.51 +/- 0.01 mm
• N.O.M. Outside Diameter	5.99 +/- 0.3 mm
• Metal Core Type	Solid
• Number of Pairs	4
• Jacket	LSHF
ELECTRICAL at 100 MHz	
• Next (Min)	65.3 dB
• PSNext (Min)	62.3 dB
• ELFEXT (Min)	64.0 dB
• PSELFEXT (Min)	61.0 dB
• Return Loss (Min)	20 dB
• Insertion Loss	1.967dB at 100 meters
LIMITED WARRANTY	25 years
STANDARD COMPLIANCES	ANSI/TIA/EIA-568-B ISO/IEC 11801
ENVIRONMENTAL SPECIFICATIONS	
• Operating Temperature	0 to 50ºC
• Storage Temperature	-10 to 50ºC

ORDER CODES

Infilink Cat-6A SFTP 23AWG 4 Pair Solid Copper Cable LSZH	IP-CSF6AHP

Cat-6 SFTP Solid Cable (LSZH)

Infilink Shielded Solutions is ideal for industries where interference is more common or data security is critical. With shielding, internal data signals are securely contained, and isolated from Electro Magnetic Interference (EMI) and Radio Frequency Interference (RFI). The modular solution of Infilink shielded solution, not only provides flexibility to the installer, but also drastically shortens project completion time.

Key Features

- 305 m/1000 ft – Wooden Reel
- Full Cat-6 Channel Test compliant
- ISO-11801, EIA/TIA 568B
- Exceeds the Category 6 performance standards
- Delta EC Certified

Companion Products

Consider these related Infilink products in your network planning:

- Infilink Cat-6 Patch Panels
- Infilink Cat-6 Keystone Jacks
- Infilink Wall Boxes
- Infilink Face Plates
- Infilink Cat-6 Patch Cord

SPECIFICATIONS	PERFORMANCE
MECHANICAL	
• Gauge Wire	23 AWG
• Core Diameter (Bare)	0.56 +/- 0.01 mm
• N.O.M. Outside Diameter	6.30 +/- 0.2 mm
• Metal Core Type	Solid
• Number of Pairs	4
• Jacket	LSHF
ELECTRICAL at 250 MHz	
• Next (Min)	34.8 dB
• PSNext (Min)	31.8 dB
• ELFEXT (Min)	14.0 dB
• PSELFEXT (Min)	11.0 dB
• Return Loss (Min)	17.3 dB
• Insertion Loss	45.3 dB at 100 meters
LIMITED WARRANTY	5 years
STANDARD COMPLIANCES	ANSI/TIA/EIA-568-B ISO/IEC 11801
ENVIRONMENTAL SPECIFICATIONS	
• Operating Temperature	0 to 50ºC
• Storage Temperature	-10 to 50ºC

ORDER CODES	
Infilink Cat-6 SFTP 23AWG 4 Pair Solid Copper Cable LSZH	IP-CSF6

Company Profile

Voice-Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets & Cable management

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Cat-6A FFTP Solid Cable (LSZH)

Infilink Cat-6A cable operates at frequencies up to 500MHz and will provide up to 10G bit/s bandwidth. It can support future 10G bit/s applications up to a maximum distance of 100 meters on a four-connector channel. Four twisted pairs of 23 guage solid copper conductors in 1000 feet (305 meters) in wooden reels. Compliant with Industry standards TIA/EIA 568-B 2-10. ISO/IEC 11801 compliance meets all Alien crosstalk reduction specification, and is backward compatible with Cat-5e and Cat-6.
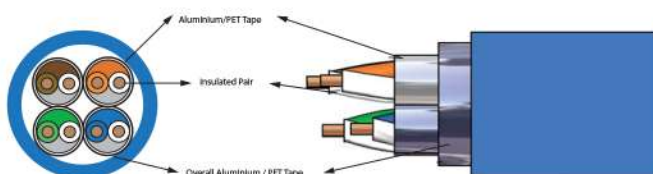
Key Features

- 305 m/1000 ft – Wooden Reel
- Full Cat-6A Permanent Link Test compliant
- 10G Base –T (10 Gigabit Ethernet compliant)
- ISO-11801, EIA/TIA 568B, Compliant
- Exceeds the Category 6A performance standards
- Delta EC Certified

Companion Products

Consider these related Infilink products in your network planning:

- Infilink Cat-6A Patch Panels
- Infilink Cat-6A Keystone Jacks
- Infilink Wall Boxes
- Infilink Face Plates
- Infilink Cat-6A Patch Cord
- Infilink Cat-6A Connectivity

SPECIFICATIONS	PERFORMANCE
MECHANICAL	
• Gauge Wire	23 AWG
• Core Diameter (Bare)	0.56 +/- 0.01 mm
• N.O.M. Outside Diameter	6.30 +/- 0.2 mm
• Metal Core Type	Solid
• Number of Pairs	4
• Jacket	LSHF
ELECTRICAL at 500 MHz	
• Next (Min)	34.8 dB
• PSNext (Min)	31.8 dB
• ELFEXT (Min)	14.0 dB
• PSELFEXT (Min)	11.0 dB
• Return Loss (Min)	17.3 dB
• Insertion Loss	45.3 dB at 100 meters
LIMITED WARRANTY	5 years
STANDARD COMPLIANCES	ANSI/TIA/EIA-568-B ISO/IEC 11801
ENVIRONMENTAL SPECIFICATIONS	
• Operating Temperature	0 to 50°C
• Storage Temperature	-10 to 50°C

ORDER CODES	
Infilink Cat-6A F-FTP 23AWG 4 Pair Solid Cable LSZH	IP-CFF6A

Cat-5e UTP Patch Cord Assemblies

Infilink Cat-5e Patch Cord Assemblies come in various colors and sizes. All Patch Cords in this range exceed TIA/EIA-568-A requirements for four-pair (RJ45) unshielded twisted-pair applications. Patch Cords are all of stranded wire type, supported by PVC jacket construction. To protect the RJ-45 connectors and thus increase Patch cable life cycle, booth/covers are inserted at each end.

Key Features

- Full Cat-5e Channel performance
- Various colors and sizes
- Ideal for Networking and IP Telephony applications
- ETL, UL, TIA/EIA, ISO Compliant
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink RJ-45 Connectors
- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink faceplates
- Infilink Wall Boxes
- Infilink Keystone Jacks
- Infilink Cat-6 Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL	High Impact flame retardant plastic, UL 94V-0 rated, 50 micro inch gold over 100 micron inch
ELECTRICAL	
• Rated voltage	30 V
• Rated current	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-ohm maximum
• Transmission performance	100 Mbps
• Insulation Resistance	500 Mega-ohm minimum
STANDARDS	
• ETL & UL	Full ETL and UL certification
• TIA/EIA	568A , EN 50173 compliant
• ISO	11801

ORDER CODES	
Infilink-Patch Cord Assembly, Cat-5e, 0.5 meter, Black	IP-PC505BK
Infilink-Patch Cord Assembly, Cat-5e, 0.5 meter, Gray	IP-PC505GY
Infilink-Patch Cord Assembly, Cat-5e, 1 meter, Gray	IP-PC510GY
Infilink-Patch Cord Assembly, Cat-5e, 1 meter, Green	IP-PC510GR
Infilink-Patch Cord Assembly, Cat-5e, 1 meter, Blue	IP-PC510B
Infilink-Patch Cord Assembly, Cat-5e, 1 meter, Red	IP-PC510R
Infilink-Patch Cord Assembly, Cat-5e, 1 meter, Yellow	IP-PC510Y
Infilink-Patch Cord Assembly, Cat-5e, 2 meter, Gray	IP-PC520GY
Infilink-Patch Cord Assembly, Cat-5e, 2 meter, Green	IP-PC520GR
Infilink-Patch Cord Assembly, Cat-5e, 2 meter, Blue	IP-PC520B
Infilink-Patch Cord Assembly, Cat-5e, 2 meter, Red	IP-PC520R
Infilink-Patch Cord Assembly, Cat-5e, 2 meter, Yellow	IP-PC520Y
Infilink-Patch Cord Assembly, Cat-5e, 3 meter, Gray	IP-PC530GY
Infilink-Patch Cord Assembly, Cat-5e, 3 meter, Green	IP-PC530GR
Infilink-Patch Cord Assembly, Cat-5e, 3 meter, Blue	IP-PC530B
Infilink-Patch Cord Assembly, Cat-5e, 3 meter, Red	IP-PC530R
Infilink-Patch Cord Assembly, Cat-5e, 3 meter, Yellow	IP-PC530Y
Infilink-Patch Cord Assembly, Cat-5e, 5 meter, Gray	IP-PC550GY
Infilink-Patch Cord Assembly, Cat-5e, 10 meter, Gray	IP-PC511GY

Company Profile

Voice Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets Data Center Solutions & Cable management

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Cat-6 UTP Patch Cord Assemblies

The Infilink - Thunder Series Cat-6 Patch Cords come in various colors and sizes. All Patch Cords in this range are ETL verified and do exceed the EIA/TIA 568B standards for 24 AWG stranded conductor unshielded twisted-pair applications, delivering a whoping 250MHz. Patch Cords are all of stranded wire type to increase flexibility and durability and housed by PVC jacket construction. To protect the RJ-45 connectors and thus improve Patch Cord life cycle, a-newly designed and revolutionary boot covers are inserted at each end of the patch cord, indicating the lenght that is being used.

Key Features

- Full Cat-6 Channel performance
- Various colors and sizes
- Ideal for Gigabit Networking and IP Telephony applications
- ETL, UL, TIA/EIA, ISO Compliant
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink RJ-45 Connectors
- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Keystone Jacks
- Infilink Cat-6 Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL	High Impact flame retardant plastic, UL 94V-0 rated, 50 micron plated connectors
ELECTRICAL	
• Rated voltage	30 V
• Rated current	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-ohm maximum
• Transmission performance	250 Mbps
• Insulation Resistance	500 Mega-ohm minimum
STANDARDS	
• ETL & UL	Full ETL and UL certification
• TIA/EIA	568B , EN 50173 compliant
• ISO	11801

ORDER CODES

Infilink-Patch Cord Assembly, Cat-6, 0.3 meter, Gray	IP-PC603GY
Infilink-Patch Cord Assembly, Cat-6, 0.5 meter, Gray	IP-PC605GY
Infilink-Patch Cord Assembly, Cat-6, 1 meter, Gray	IP-PC610GY
Infilink-Patch Cord Assembly, Cat-6, 1 meter, Black	IP-PC610BK
Infilink-Patch Cord Assembly, Cat-6, 1 meter, White	IP-PC610W
Infilink-Patch Cord Assembly, Cat-6, 2 meter, Gray	IP-PC620GY
Infilink-Patch Cord Assembly, Cat-6, 2 meter, Black	IP-PC620BK
Infilink-Patch Cord Assembly, Cat-6, 2 meter, White	IP-PC620W
Infilink-Patch Cord Assembly, Cat-6, 3 meter, Gray	IP-PC630GY
Infilink-Patch Cord Assembly, Cat-6, 3 meter, Black	IP-PC630BK
Infilink-Patch Cord Assembly, Cat-6, 3 meter, White	IP-PC630W
Infilink-Patch Cord Assembly, Cat-6, 5 meter, Gray	IP-PC650GY
Infilink-Patch Cord Assembly, Cat-6, 10 meter, Gray	IP-PC611GY

Cat-6 Shielded Patch Cord Assembilies

Company Profile

Voice-Telephone System

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable-assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets Data Center Solution & Cable management

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The Infilink - Shielded CAT 6 Patch Cords come in various colors and sizes. All Patch Cords in this range are ETL verified and do exceed the EIA/TIA 568B standards for 24 AWG stranded conductor unshielded twisted-pair applications, delivering a whopping 250MHz. Patch Cords are all of stranded wire type to increase flexibility and durability and housed by PVC jacket construction. To protect the RJ-45 connectors and thus improve Patch Cord life cycle, newly designed and revolutionary boot covers are inserted at each end of the patch cord, indicting what length is being used.

Shielded Series

Key Features

- Full Cat-6 Channel performance
- Various colors and sizes
- Ideal for Gigabit Networking and Industrial environments
- ETL, UL, TIA/EIA, ISO Compliant

Companion Products

Consider these related Infilink products in your network planning:

- Infilink RJ-45 Connectors
- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Keystone Jacks
- Infilink Cat-6 Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL	High Impact flame retardant plastic, UL 94V-0 rated, 50 micron plated connectors 23 AWG Core Diameter 0.56mm
ELECTRICAL	
• Rated voltage	30 V
• Rated current	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-ohm maximum
• Transmission performance	1,000 Mbps
• Insulation Resistance	500 Mega-ohm minimum
STANDARDS	
• ETL & UL	Full ETL and UL certification
• TIA/EIA	568B , EN 50173 compliant
• ISO	11801

| ORDER CODES	
Infilink-Patch Cord Assembly, SFTP Cat-6, 0.5 meter, Gray	IP-PCSF605GY
Infilink-Patch Cord Assembly, SFTP Cat-6, 1 meter, Gray	IP-PCSF610GY
Infilink-Patch Cord Assembly, SFTP Cat-6, 1 meter, Gray	IP-PCDF610GY
Infilink-Patch Cord Assembly, SFTP Cat-6, 3 meter, Gray	IP-PCSF630GY
Infilink-Patch Cord Assembly, SFTP Cat-6, 5 meter, Gray	IP-PCSF650GY

Cat-6A Shielded Patch Cord Assemblies

The Infilink - Shielded Cat-6A Patch Cords come in various colors and sizes. All Patch Cords in this range are Delta EC verified and do exceed the EIA/TIA 568-B.2-10 standards for 23 AWG stranded conductor shielded twisted-pair applications, delivering a whopping 500MHz. Stranded bare copper conductors insulated with foam thermoplastics polyolefin. Two insulated conductors are twisted together to form a pair shielded with Aluminum/polyester foil. Four such pairs are cabled together to form the basic unit. Aluminum Polyester Tape overall covers the four pairs. Patch Cords are all of stranded wire type to increase flexibility and durability and are housed by LSZH jacket construction. To protect the RJ-45 connectors and thus improve Patch Cord life cycle, high-quality boot covers are inserted at each end of the patch cord.
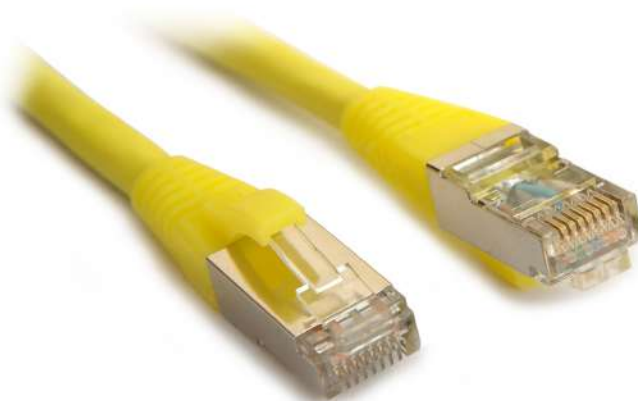
Shielded Series

Key Features

- Full Cat-6A Channel performance
- Various colors and sizes
- Ideal for 10Gigabit Networking and Industrial environments
- TIA/EIA, ISO Compliant
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Cat-6A Patch Panel
- Infilink Cat-6A Cable
- Infilink Faceplates
- Infilink Cat-6A Keystone Jack

SPECIFICATIONS	PERFORMANCE
PHYSICAL	
• Conductor	26AWG Stranded bare copper
• Insulation	Foam PE
• Shield	Tinned copper drain wire
• Jacket	LSHF
• Operating temperature	-10ºC to 60ºC
ELECTRICAL	
• Max. conductor resistance(ohm/KM@20ºC)	95
• Max. DC resistance unbalance(%)	4
• Transmission performance	10,000 Mbps
• Max. mutual capacitance(pF/m)	56
STANDARDS	568-B.2-10
• TIA/EIA	11801 2nd Edition
• ISO	

| ORDER CODES	
Infilink-Patch Cord Assembly, F/FTP Cat-6A, 1 meter ,LSZH, Yellow	IP-PC610AY
Infilink-Patch Cord Assembly, F/FTP Cat-6A, 2 meter ,LSZH, Yellow	IP-PC620AY
Infilink-Patch Cord Assembly, F/FTP Cat-6A, 3 meter ,LSZH, Yellow	IP-PC630AY

Cat-5e UTP, Patch
Panel 16, 24, 48 Ports

Company Profile

Voice Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets Data Center Solutions & Cable management

Tools

Glossary

At the office work area or in harsh industrial environments, Infilink patch panels are designed to mount in any standard 19″ width rack. These patch panels offer a sleek, elegant appearance. Infilink Enhanced Category 5 Patch Panels meet or exceed all of the proposed TIA requirements for Category 5e. Infilink Enhanced Category 5 patch panels simplify inventory management by providing a universal label for both T568A and T568B wiring patterns which allows connection with 22-26 AWG wires and is offered in 48, 24,16 port varieties. The cable ties, mini punch down tool and connector crowns provide tools for better management of cables.
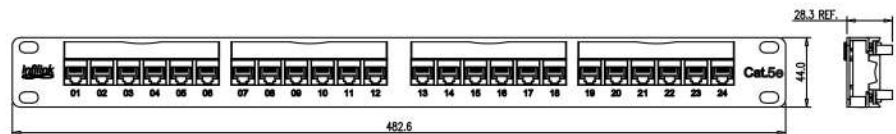
Key Features

- Allow easy circuit identifi cation using the Infi link labeling
- Crowns to Circuit protection
- In full Compliance with T568A and T568B, Cat-5e Performance standards
- Fits to any Standard 19″ rack
- No Termination Tools required
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning:
- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink Cat-6 Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL	
	(LxH) 19″ x 1U
MECHANICAL	
• Plug insertion life	750 Cycles
• Plug and Jack contact force	100 grams min, using FCC approved plug
• Plug retention force	30 lbs minimum
• Temperature	-40°C to 68°C
ELECTRICAL	
• Current Rating	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-ohm maximum
• Transmission performance	100 Mbps
STANDARDS	
• UL	UL Certified
• FCC	Part 68
• TIA/EIA	568-B.2 (Category 5e transmission performance)

| ORDER CODES	
Infilink-48 Port Cat-5e Patch Panel UTP RJ-45	IP-PP5E48
Infilink-24 Port Cat-5e Patch Panel UTP RJ-45	IP-PP5E24
Infilink-16 Port Cat-5e Patch Panel UTP RJ-45	IP-PP5E16

Cat-5e FTP Patch Panel

At the office work area or in harsh industrial environments, Infilink FTP Unloaded patch panels are designed to mount in any standard 19" width rack. These patch panels offer a sleek, elegant appearance with Graphite Grey finish. Infilink FTP Category 5e patch panels simplify inventory management by providing a universal label for T568B wiring pattern which allow connection with 22-26 AWG wires and are offered in 24 port with integral rear cable management. It is highly recommended to use Infilink Shielded Keystone Jacks (i.e IP-KS5S) with this patch panel. Integral rear cable manager controls minimum bend radius of the cable which means better performance for the whole system.

Shielded Series
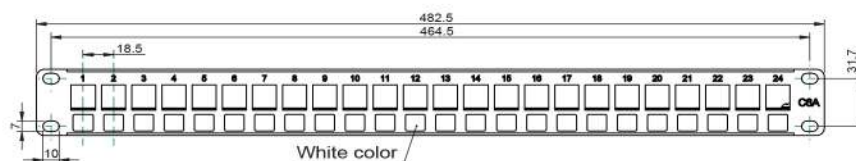
Key Features

- Allow easy circuit identification using the Infilink labeling
- Integral rear cable management
- In full Compliance with T568-C.2, Cat-5e Performance standards
- Fits to any Standard 19" rack
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Cat-5e Shielded Cables
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Shielded Patch Cords
- Infilink Shielded Cat-5e Keystone Jacks

SPECIFICATIONS	PERFORMANCE
PHYSICAL DIMENSTIONS (LxH)	19" x 1U
MECHANICAL	
• Mating	750 mating Cycles with FCC compliant RJ-45 Jack Accommodates 23 AWG solid cable for 200 times termination
• Wire accommodation	-10°C to 60°C
• Operating Temperature Storage	-10% to 90%RH
Temperature Operating Humidity	-10°C to 60°C
STANDARDS	
• UL	UL certified
• FCC	Part 68, Subpart F
• TIA/EIA	TIA/EIA-568-C.2
• EN	EN 50173
• ISO	ISO/IEC 11801, 2nd Ed.

ORDER CODES

Infilink-FTP 24 port Cat-5e Patch Panel Unloaded FTP RJ-45	IP-PP524S

Cat-6 UTP Patch Panel 16, 24 & 48 Ports

infilink
TECHNOLOGIES

At the office work area or the harsh industrial environments, Infilink patch panels are designed to mount in any standard 19" width rack. These patch panels offer a sleek, elegant appearance. Infilink Enhanced Category 6 Patch Panels meet or exceed all of the proposed TIA requirements for the Category 6 standard. Infilink Category 6 patch panels simplify inventory management by providing universal labels for T568B wiring patterns which allow connection with 22-26 AWG wires and are offered in 48, 24 and 16 port varieties. The cable ties, mini punch down tool and connector crowns provide tools for better management of cables.

Features

- Performance exceeds TIA/EIA Category 6 requirements
- Designed for Gigabit Ethernet transmission
- Includes rear wire manager
- Conductors can be terminated with either a KRONE Insertion or 110 tool
- UL 1863 listed and Category 6 performance verified
- Forty-five degree silver-plated IDCs provide secure, reliable gas-tight connection
- Includes paper label holder area for port identification
- Universal wiring label for easy termination of either T568A/B

Key Features

- Crowns to Circuit protection
- In full Compliance with T568B, Cat-6 Performance standards
- Fits to any Standard 19" rack
- No Termination Tools required
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning:

- Infilink RJ-45 Connectors
- Infilink Patch Panels
- Infilink Cat-5e & 6 Cables
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Keystone Jacks
- Infilink Cat-6 Connectivity

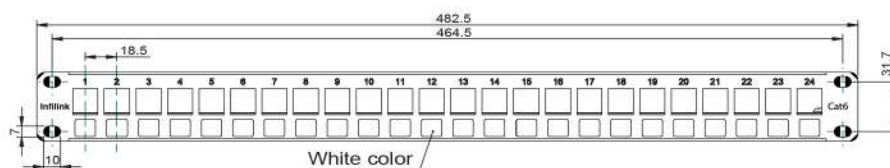| SPECIFICATIONS	PERFORMANCE
PHYSICAL (LxH)	19" x 1U
MECHANICAL	
• Plug insertion life	750 Cycles
• Plug and Jack contact force	100 grams min, using FCC approved plug
• Plug retention force	30 lbs minimum
• Temperature	-40°C to 68°C
ELECTRICAL	
• Current Rating	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-ohm maximum
• Transmission performance	100 Mbps (Max)
STANDARDS	
• UL	UL Certified
• FCC	Part 68
• TIA/EIA	568-B.2 (Category 6 transmission performance)

ORDER CODES	
Infilink-48 Port Cat-6 Patch Panel UTP RJ-45	IP-PP648
Infilink-24 Port Cat-6 Patch Panel UTP RJ-45	IP-PP624
Infilink-16 Port Cat-6 Patch Panel UTP RJ-45	IP-PP616
Infilink-Patch Panel 24 port CAT-6 high performance 110/KRONE	IP-PP624X

Company Profile

Voice Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets Data Center Solutions & Cable management

Tools

Glossary

Cat-6 FTP Patch Panel

Whether in an office work area or in harsh industrial environments, Infilink FTP Unloaded patch panels are designed to mount in any standard 19" width rack. These patch panels offer a sleek, elegant appearance with Graphite Gray finish. FTP Category 6 patch panels simplify inventory management by providing a universal label for T568B wiring pattern which allows connection with 22-26 AWG wires and are offered in 24 port with integral rear cable management. It is highly recommended to use Infilink Shielded Keystone Jacks (i.e IP-KS6S) with this patch panel. The integral rear cable manager controls the minimum bend radius of the cable and this means better performance for the whole system.

Key Features

- Allow easy circuit identification using the Infilink labeling
- Integral rear cable management
- In full Compliance with T568-C.2, Cat-6 Performance standards
- Fits to any Standard 19" rack
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Cat-5e & 6 Shielded Cables
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Shielded Patch Cords
- Infilink Shielded Cat-5e & 6 Keystone Jacks

SPECIFICATIONS	PERFORMANCE
PHYSICAL DIMENSTIONS (LxH)	19" x 1U
MECHANICAL	
• Mating	750 mating Cycles with FCC compliant RJ-45 Jack Accommodates 23 AWG solid cable for 200 times termination
• Wire accommodation	-10ºC to 60ºC
• Operating Temperature Storage	-10% to 90%RH
Temperature Operating Humidity	-10ºC to 60ºC
STANDARDS	
• UL	UL certified
• FCC	Part 68, Subpart F
• TIA/EIA	TIA/EIA-568-C.2
• EN	EN 50173
• ISO	ISO/IEC 11801, 2nd Ed.

ORDER CODES	
Infilink-FTP 24 port Cat-6 Patch Panel Unloaded FTP RJ-45	IP-PP624S

Cat-6A FTP Patch Panel

Company Profile

Voice Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets Data Center Solutions & Cable management

Tools

Glossary

The Infilink Cat-6A Patch Panel supports 10 Gigabits applications at 500 MHz frequency. In an office work area or in harsh industrial environments, Infilink FTP Unloaded patch panels are designed to mount in any standard 19" width rack. These 24-port patch panels offer a sleek, elegant appearance with Graphite Gray finish.

Infilink FTP Category 6A patch panels simplify inventory management by providing universal labels for T568B wiring patterns which allow connection with 22-26 AWG wires and are offered in a 24-port configuration with integral rear cable management. It is highly recommended to use Infilink Shielded Keystone Jacks (IP-KS6AS) with this patch panel.
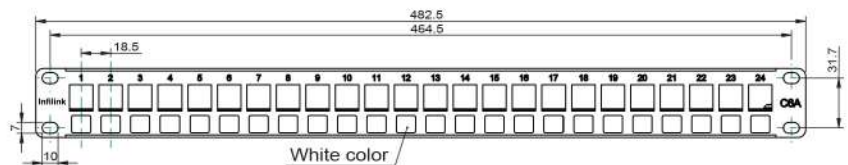
Key Features

- 10 G Base-T (10 Gigabits Ethernet) compliant
- Allow easy circuit identification using the Infilink labeling
- Integral rear cable management
- In full Compliance with TIA 568-B.2-1 Category 6A transmission performance)
- Fits to any Standard 19" rack
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning:

- Infilink Cat-6A Shielded Cables
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Shielded Cat-6A Patch Cords
- Infilink Shielded Cat-6A Keystone Jacks

SPECIFICATIONS	PERFORMANCE
PHYSICAL DIMENTSIONS (LxH)	19" x 1U
MECHANICAL	
• Mating	750 mating Cycles with FCC compliant
• Wire accommodation	RJ-45 Jack
• Operating Temperature Storage Temperature Operating Humidity	Accommodates 23 AWG solid cable for 200 times termination -10ºC to 60ºC -10% to 90%RH -10ºC to 60ºC
STANDARDS	
• FCC	Part 68, Subpart F
• TIA/EIA	568-B.2-1 (Category 6A transmission performance)
• EN	EN 50173
• ISO	ISO/IEC 11801, 2nd Ed.

ORDER CODES

|	
Infilink-FTP 24 port Cat-6A Patch Panel Unloaded FTP RJ-45	IP-PP6A24S

Unloaded Patch Panel 16 port

In an office work area or in harsh industrial environments, Infilink patch panels are designed to mount in any standard 19" width rack. These patch panels offer a sleek, elegant appearance. This patch panel has no depth, therefore it is suited to be used as a consolidation point specially in security applications like CCTV that need a small rack or cabinet.

Infilink unloaded Patch Panels accept most standard cat-5e and cat-6 keystone jacks. They offer the convenience of enabling IT Managers to have a combination of different types of Key Stone Jacks from different brands at the same time.
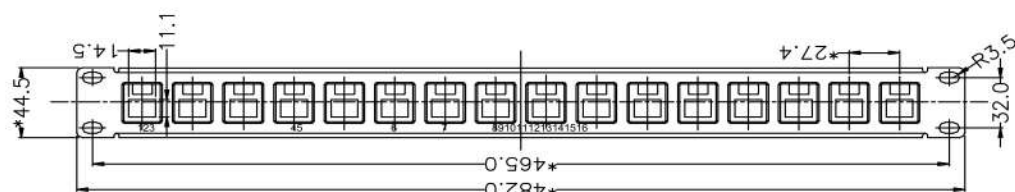
Key Features

- Allow easy circuit identification using the Infilink labeling
- Fits to any Standard 19" rack
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink Cat-6 Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL DIMENSTIONS (LxH)	19" x 1U
MECHANICAL	
• Mating	750 mating Cycles with FCC compliant RJ-45 Jack Accommodates 23 AWG solid cable for 200 times termination
• Panel Material	SPCC, T=1.5mm Black Powder coating finish
• Station ID	High impacked acrylonitrile Butadiene styrene (ABS Resin)
• Operating Temperature Storage Temperature Operating Humidity	-10ºC to 60ºC -10% to 90%RH

ORDER CODES

Infilink-16 port unloaded Patch Panel UTP RJ45	IP-PP16

Multi Use Patch
Panel 24 Ports Unloaded

At the office work area or in harsh industrial environments, **Infilink** patch panels are designed to mount in any standard 19" width rack. These patch panels offer a sleek, elegant appearance. **Infilink** Category 6 and 6A Patch Panels meet or exceed all of the proposed TIA requirements for Category 6 and 6A. **Infilink** Category 6 and 6A patch panels simplify inventory management by providing a universal label for both T568A and T568B wiring patterns which allows connection with 22-26 AWG wires and is offered in 24 port varieties. The cable ties, mini punch down tool and connector crowns provide tools for better management of cables.

IP-PPUM24

IP-PP624UMA

IP-PP624SUMA

Key Features

- Allow easy circuit identification using the Infilink labeling
- Crowns to Circuit protection
- In full Compliance with T568A and T568B, Cat-6 and 6A Performance standards
- Fits to any Standard 19" rack
- No Termination Tools required
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning:
- Infilink Cat-6 & 6A Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink Cat-6 Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL	(LxH) 19" x 1U & 0.5U
MECHANICAL	
• Plug insertion life	750 Cycles
• Plug and Jack contact force	100 grams min, using FCC approved plug
• Plug retention force	30 lbs minimum
• Temperature	-40°C to 68°C
ELECTRICAL	
• Current Rating	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-ohm maximum
• Transmission performance	1 Gbps and 10Gbps
STANDARDS	
• UL	UL Certified
• FCC	Part 68
• TIA/EIA	568-B.2 (Category 6 and 6A transmission performance)

ORDER CODES

|	
Infilink Patch Panel Unloaded Multi User Half Unit -24 Port	IP-PPUM24
Infilink 1U 24Port UTP Stagger Angled Patch Panel w Cable Management	
Hanger, RoHS, High Performance Series	IP-PP624UMA
Infilink 1U 24Port STP Stagger Angled Patch Panel w Cable Management	
Hanger, RoHS, High Performance Series	IP-PP624SUMA

Company Profile

Voice-Telephone System

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets & Cable management

Data Center Solutions

Tools

Glossary

Cat-6A UTP Snap-In Type Patch Panel 24 Ports

infilink
TECHNOLOGIES

At the office work area or the harsh industrial environments, Infilink patch panels are designed to mount in any standard 19" width rack. These patch panels offer a sleek, elegant appearance. Infilink High Performance Category 6A Patch Panels meet or exceed all of the proposed TIA requirements for the Category 6A standard. Infilink Category 6A patch panels simplify inventory management by providing universal labels for T568B wiring patterns which allow connection with 22-26 AWG wires and are offered in 24 port varieties. The cable ties, mini punch down tool and connector crowns provide tools for better management of cables.

High Performance series
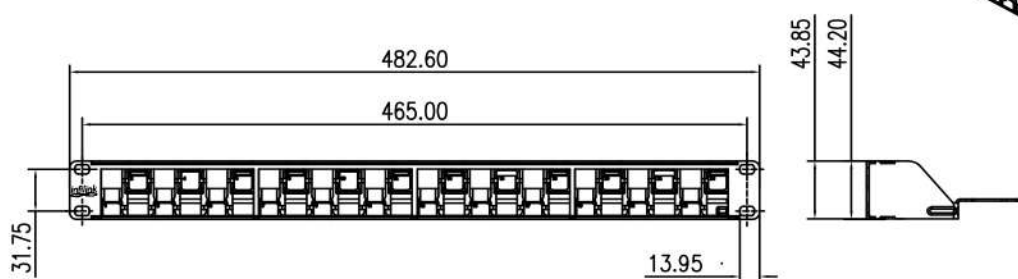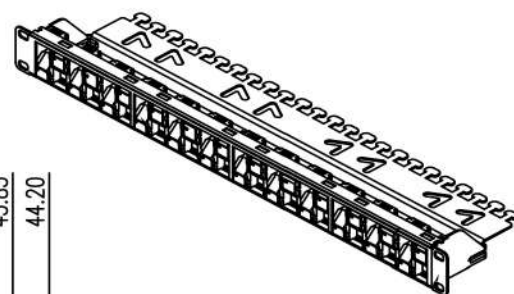
Key Features

- Special Design to reduce ANEXT
- In full Compliance with T568B, Cat-6A Performance standards
- Fits to any Standard 19" rack
- No Termination Tools required
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning:

- Infilink RJ-45 Connectors
- Infilink Patch Panels
- Infilink Cat6 & 6A Cables
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Keystone Jacks
- Infilink Cat-6A Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL (LxH)	19" x 1U
MECHANICAL	
• Plug insertion life	750 Cycles
• Plug and Jack contact force	100 grams min, using FCC approved plug
• Plug retention force	30 lbs minimum
• Temperature	-40°C to 68°C
ELECTRICAL	
• Current Rating	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-ohm maximum
• Transmission performance	10 Gbps (Max)
STANDARDS	
• UL	UL Certified
• FCC	Part 68
• TIA/EIA	568-B.2 (Category 6A transmission performance)

ORDER CODES

Infilink-24 Port Cat-6A Patch Panel UTP RJ-45	IP-PP6A24U

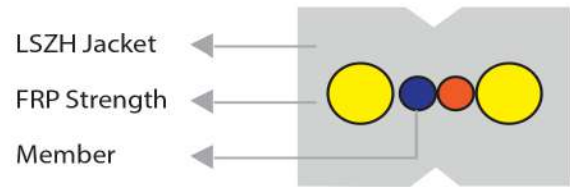# Fiber Optic Cable FTTH 2 Core Indoor Single Mode LSZH

Infilink's Flat FTTH Drop Cable is used in high speed and broadband telecommunication indoor applications.

It contains two general-purpose single-mode fibers FTTH indoor LAN cable, suitable for installation in villas, multi dwelling units, home short-distance data transmission.

The indoor fiber construction is comprised of white optical fibers, two parallel FRP (Fiber Reinforced Plastic) strength members and an LSZH Jacket.

These lightweight cables have excellent crush and impact resistance properties.

Infilink Flat FTTH cable meets EIA-TIA 455 and IEC-60794. Optical characteristics of the cable meets ISO/IEC 11801 standard.

Items	Units	Specifications
Attenuation	dB/km	≤0.36 at 1310nm
		≤0.3 at 1550nm
Chromatic Dispersion	Ps/nm.km	≤3.5 at 1285~1330nm
		≤18.0 at 1550nm
Zero Dispersion Wavelength	Nm	1302~1322
Zero Dispersion Slope	Ps/nm.km	≤0.095
Cut-off Wavelength	Nm	≤1260
Mode Field Diameter (MFD)	Um	1310 9.2±0.4
		1550 10.4±0.8
Mode Field Concentricity	Um	≤0.8
Cladding Diameter	um	125±1.0
Cladding Non-circularity	%	≤1
Coating Cladding concentricity error	Um	≤12
Coating Diameter	um	245±1.0
Proof test kpsi		≥100
Temperature range Storage/Shipping	C°	-10° -- +60°
Temperature range Operating	C°	-10° -- +60°
Min. Bending Radius (mm)	Dynamic(mm)	20H
Min. Bending Radius (mm)	Static(mm)	10H
Max. Tension (N)	Short-term(N)	100
Max. Tension (N)	Long-term(N)	50
Max. Crushing Resistance	N/100mm2	1000
No. of fiber	2	
Fiber model no.	Single mode: G.652	
Fiber color	Blue, orange	
Outer diameter of color coating		250±15um
Dielectric strength member	FRP	
Jacket	LSZH	
Colour of Jacket	White	
Size of optical fiber cable	width	3.1±0.2
	height	1.9±0.2

Packing and markings

Printings on optical fiber cable
Black printings are printed at intervals of 1 meter with the following information.
1. Meter marks
2. Type of cable and fiber count
3. Infilink name
4. Year of manufacture

ORDER CODES

Description	Weight (Kg)	
Infilink FO Indoor Cable 2Core 9/125 PE 1KM/Reel	9	IP-FR29X1
Infilink FO Indoor Cable 2Core 9/125 PE 2KM/Reel	18	IP-FR29X2

All Infilink FO cables comes with separate OTDR test report

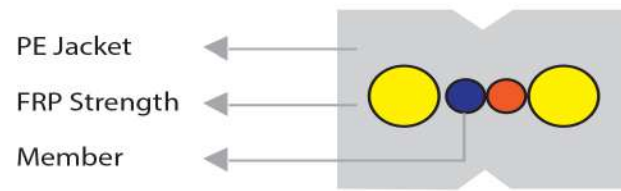# Fiber Optic Cable FTTH 2 Core Outdoor Single Mode PE

Infilink Flat FTTH Drop Cable is used in high speed and broadband telecommunication outdoor applications.

Outdoor FTTH flat cable construction is similar to the indoor cable, except the cable jacket is made of flame retardant Black PE.

Fiber used in these cables is bend-insensitive so it can be used in applications with multiple bends.

These lightweight cables have excellent crush and impact resistance properties.

Infilink Flat FTTH cable meets EIA-TIA 455 and IEC-60794. Optical characteristics of the cable meet ISO/IEC 11801 standard.

Items	Units	Specifications
Attenuation	dB/km	≤0.36 at 1310nm
		≤0.3 at 1550nm
Chromatic Dispersion	Ps/nm.km	≤3.5 at 1285~1330nm
		≤18.0 at 1550nm
Zero Dispersion Wavelength	Nm	1302~1322
Zero Dispersion Slope	Ps/nm.km	≤0.095
Cut-off Wavelength	Nm	≤1260
Mode Field Diameter (MFD)	Um	1310 9.2±0.4
		1550 10.4±0.8
Mode Field Concentricity	Um	≤0.8
Cladding Diameter	um	125±1.0
Cladding Non-circularity	%	≤1
Coating Cladding concentricity error	Um	≤12
Coating Diameter	um	245±1.0
Proof test kpsi	≥100	
Temperature range Storage/Shipping	C°	-10° -- +75°
Operating temperature range (Operating)	C°	-10° -- +75°
Min. Bending Radius (mm)	Dynamic(mm)	20H
Min. Bending Radius (mm)	Static(mm)	10H
Max. Tension (N)	Short-term(N)	80
Max. Tension (N)	Long-term(N)	40
Max. Crushing Resistance	N/100mm2	500
No. of fiber		2
Fiber model no.		Single mode: G.652
Fiber color		Blue, orange
Outer diameter of color coating		250±15um
Dielectric strength member		FRP
Jacket		PE
Colour of Jacket		Black
Size of optical fiber cable width	mm	3.1±0.2
height	mm	1.9±0.2

Packing and markings

Printings on optical fiber cable

Black printings are printed at intervals of 1 meter with the following information.

1. Meter marks
2. Type of cable and fiber count
3. Infilink name
4. Year of manufacture

ORDER CODES

Description	Weight (Kg)	
Infilink FO Outdoor Cable 2Core 9/125 PE 1KM/RL	9	IP-FR29Y1
Infilink FO Outdoor Cable 2Core 9/125 PE 2KM/RL	18	IP-FR29Y2

All Infilink FO cables comes with separate OTDR test report

www.InfilinkTechnologies.com

Fiber Optic Cable 2 Core Indoor Multimode Zipcord

Designed for easy installation and high performance, Infilink ZipCord Low Smoke Zero Halogen (LSZH) cables are reliable indoor applications especially on the horizontal (fiber to desk) where space is limited. Additionally these ZipCords can be utilized for Patch Cord assembly. The ZipCord come in Multimode varieties.

Infilink ZipCord Optical Fiber Cable Features:

- Low insertion loss
- High return loss (low amounts of reflection at the interface)
- Ease of installation
- High reliability
- Low environmental sensitivity
- LSZH

Out Jacket
Aramid Yarn
0.9mm Buffered
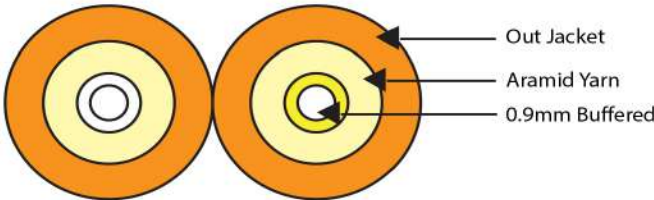
	Items	Specifications
1	Fiber Count	2
2	Fiber Characteristic	OD: 242±7 um
3	Tight buffered:	
	Material	environmental protected PVC
	OD	0.87±0.05 mm
	Thickness	0.31±0.02 mm
	Color	Multimode (natural, orange)
4	Out jacket	
	Thickness	0.33±0.04 mm
	Material	LSZH
	OD	(1.82 - 1.98)×(3.9 - 4.3)

Fiber property:				
		Fiber mode	Unit	Multimode 50/125
		Condition	nm	850/1300
	Attenuation		dB/km	3.5/1.5
Dispersion	1550nm		ps(nm·km)	-----
	1625nm		ps(nm·km)	-----
Bandwidth	850nm		MHZ·.km	≥200
	1300nm		MHZ. ·km	≥200

Application:			
	Temperature range	ºC	-20ºC- +70ºC
	Nominal Weight	'g/m	8.8
Min. Bending Radius (mm)	Dynamic	mm	20H
Min. Bending Radius (mm)	Static	mm	10H
Max. Tensile strength (N)	Short-term	N	200
Max. Tensile strength (N)	Long-term	N	100
Max. Crushing Resistance (N/100mm2)		N/100mm2	1000

Packing and Markings

Printings on optical fiber cable
Black printings are printed at intervals of 1 meter with the following information.

1. Meter marks
2. Type of cable and fiber count
3. Infilink name
4. Year of manufacture

ORDER CODES

Description	Weight (Kg)	
Infilink FO Indoor Cable 2Core Zipcord 9/125 LSZH 1KM/RL	9	IP-FR29C1
Infilink FO Indoor Cable 2Core Zipcord 9/125 LSZH 2KM/RL	18	IP-FR29C2

All Infilink FO cables comes with separate OTDR test report

Fiber Optic Cable Tight Buffered
4-48 Cores Indoor SM & MM LSZH

With superior technology and profile control, Infilink Tight Butter OS1, OM2 and OM3 fibers revolutionize performance in local area networks, storage area networks, and central office interconnects. The Infilink Tight Buffer cable is designed with 900µm buffered structure for making easy connections. Its dry structure is perfect for risers and horizontal deployment and well as in duct applications (by pulling)

Infilink Tight Buffer Optical Fiber Cable Features:

- Indoor cable
- Suitable for use in ducts or risers
- Designed for direct connectorization
- All dielectric design
- LSZH Outer Sheath
- 4 to 48 fibers
- Compact design
- Optical fiber coated 900µm
- Aramid yarns reinforcement
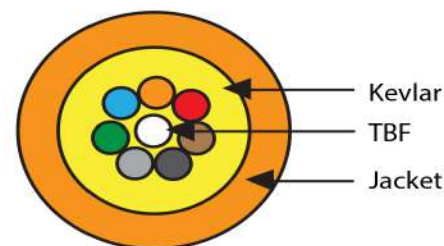
Mechanical Characteristics	OS1	OM2	OM3
AtteMechanical Characteristics	OS1	OM2	OM3
Tight Buffer Fiber diameter	0.87±0.05mm	0.87±0.05mm	0.87±0.05mm
Fiber Diameter	242+-7 um	242+-7 um	242+-7 um
Min. Bending Radius Dynamic(mm)	20	20	20
Min. Bending Radius Static(mm)	10	10	10
Max. Tensile(N) Short Term	480	480	480
Max. Tensile(N) Long Term	160	160	160
Max. Crsuh Resistance(N/100mm2)	1000	1000	1000
Climate Characteristics	OS1	OM2	OM3
Storage Temprature	-20 to 70	-20 to 70	-20 to 70
Installation/Operating Temprature	-5 to 55	-5 to 55	-5 to 55
Halogen-free			
Optical Characteristics	OS1	OM2	OM3
Frequecny 1310/1550	850/1300	850/1300	
Attenuation(dB/KM)	0.36/0.23	3.0/1.0	3.0/1.0
Despersion 1550nm PS(nm.KM)	<=18		
Despersion 1625nm PS(nm.KM)	<=22		
Bandwidth 850nm (MHZ.KM)		>=200	>=1500
Bandwidth 1300nm (MHZ.KM)		>=400	>=500
Application OS1, OM2 and OM3 Indoor cabling			

OM2				
number of fibers	Cable diameter(mm)	Cable Color	Weight(Kg)/KM	
4	6.0+-0.20	Orange	32	IP-FR51Y4
6	6.0+-0.20	Orange	32	IP-FR51Y6
8	6.0+-0.20	Orange	32	IP-FR51Y8
12	8.0+-0.25	Orange	37	IP-FR51Y12
24	8.0+-0.25	Orange	43	IP-FR51Y24
48	8.0+-0.25	Orange	52	IP-FR51Y48
OM3				
4	6.0+-0.20	Orange	32	IP-FR51X4
6	6.0+-0.20	Orange	32	IP-FR51X6
8	6.0+-0.20	Orange	32	IP-FR51X8
12	8.0+-0.25	Orange	37	IP-FR51X12
24	8.0+-0.25	Orange	43	IP-FR51X24
48	8.0+-0.25	Orange	52	IP-FR51X48
OS1				
4	6.0+-0.20	Yellow	32	IP-FR91Y4
6	6.0+-0.20	Yellow	32	IP-FR91Y6
8	6.0+-0.20	Yellow	32	IP-FR91Y8
12	8.0+-0.25	Yellow	37	IP-FR91Y12
24	8.0+-0.25	Yellow	43	IP-FR91Y24
48	8.0+-0.25	Yellow	52	IP-FR91Y48

Packing and markings

Printings on optical fiber cable

Black printings are printed at intervals of 1 meter with the following information.

1. Meter marks
2. Type of cable and fiber count
3. Infilink name
4. Year of manufacture

All Infilink FO cables comes with
separate OTDR test report in wooden drums

www.InfilinkTechnologies.com

# Fiber Optic Cable Loose Tube 2-12 Core Indoor/Outdoor SM & MM

Infilink indoor/outdoor loose tube fiber optic cable is a dry core cable with moisture blocking gel inside the thermoplastic buffer tube. The individually colored 250 um fibers are surrounded by gel for moisture resistance, and well as protection against thermal expansion and contraction over the operating temperature range. The UV resistant thermoplastic jacket protects the cables life cycle in direct sunlight conditions.

Infilink indoor/outdoor loose tube fiber cables are offered in all grades of multimode and single-mode from 2 to 12 fibers.

Infilink indoor/outdoor loose tube fiber cables Features:

- 2 to 12 Fiber Counts Available
- Low Smoke Zero-Halogen Jacket
- Outdoor Applications where Gel-Filled Cables are Suitable for Best Water-Blocking
- Indoor/Outdoor Applications where Termination via Pigtail Splicing is Preferred
- Suitable for Lashed Aerial, Duct, Underground Conduit and Indoor Riser Applications

Out Jacket
Fiber
Aramid Yarn

Photon SERIES
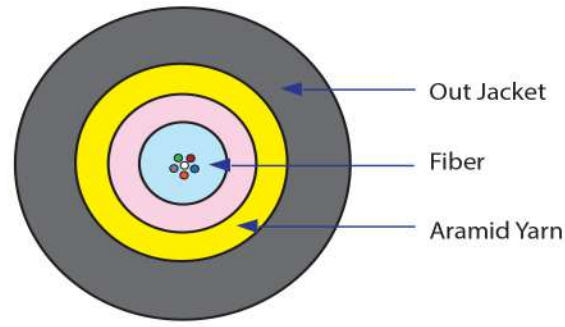
	Items	Specifications
1	Fiber Count	2 to 12
2	Fiber Characteristic	according to the standard chromatogram
3	Outer diameter of PBT tube	3.0±0.1mm
4	Aramid yarn	
5	Out jacket	
	Material	LSZH
	OD	6.5±0.3mm

Fiber mode	Unit	Single mode fiber G652B	Multimode fiber 50/125	Multimode fiber 62.5/125	Multimode fiber OM3 300	
Condition	nm	1310/1550	850/1300	850/1300	850/1300	
Attenuation		dB/km	0.36/0.23	3.5/1.5	3.5/1.5	3.5/1.5
Dispersion	1550nm	ps/(nm·km)	≤18	------	------	-----
	1625nm	ps/(nm·km)	≤22	-----	-----	-----
Bandwidth	850nm	MHZ·km	-----	≥200	≥160	≥1500
	1300nm	MHZ·km	-----	≥200	≥200	≥500

Application:			
Temperature range		°C	-40°-- +70°
Nominal weight		'g/m	LSZH:55
Min.Bending Radius (mm)	Dynamic	mm	20H
Min.Bending Radius (mm)	Static	mm	10H
Max.Tension (N)	Long-term	N	500
	Short-term	N	1200

Packing and markings

Printings on optical fiber cable
Black printings are printed at intervals of 1 meter with the following information.
1. Meter marks
2. Type of cable and fiber count
3. Infilink name
4. Year of manufacture

ORDER CODES

Description	Weight (Kg)	
Infilink FOCable12CoreLooseTubeSM9/125 (OS1)Armrd-1KM	9	IP-FR98Y12-1
Infilink FOCable12CoreLooseTubeSM9/125 (OS1)Armrd-2K	18	IP-FR98Y12-2

All Infilink FO cables comes with separate OTDR test report

Fiber Optic Cable Loose Tube 2-12 Core Outdoor Steel Wire Armored

infilink TECHNOLOGIES

Infilink indoor/outdoor armored single loose tube cables are designed to meet all the rigors of the outside plant environment, and have the necessary ratings to be installed inside the building. These cables eliminate the messy gel filler of traditional loose tube style cables with super absorbent polymers. The installer can place the cable anywhere in the network, bypassing the traditional transition points required in most installations. Cables are available with fiber counts 12 in a single tube.

Infilink indoor/outdoor armored single loose tube cables Features:

- No cleaning of gels, greatly reduces installation time
- Reduces labor costs by eliminating transition points at the demarcation
- Can be used outdoors or indoors
- Low insertion loss
- High return loss (low amounts of reflection at the interface)
- Ease of installation
- Low cost
- Reliability
- Low environmental sensitivity
- Ease of use
- Single-Tube construction
- Additionally straighten member

Armored
PBT Tube
Steel wire
Water-Block Tape
PE Jacket

Photon SERIES
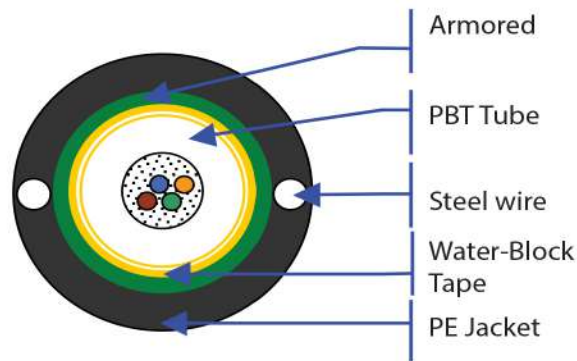
Other demanding			
1	Appearance		
	Slickn ess		
2	Package		
	Wooden drum		
3	Length per drum		
2	KM per drum; other length is upon requested		
4	Test report		
	Attached with the OTDR test report		

Fiber characteristic

Fiber Mode	Unit		Single mode	Multimode	Multimode	Multimode	
				G652B	50/125	62.5/125	
							OM3 300
Condition		nm	1310/1550	850/1300	850/1300	850/1300	
Attenuation		dB/km	0.36/0.23	3.0/1.0	3.0/1.0	3.0/1.0	
Dispersion	1550nm	ps(nm·km)	≤18	-----	-----	-----	
	1625nm	ps(nm·km)	≤22	-----	-----	-----	
Bandwidth	850nm	MHZ.km	-----	≥200	≥160	≥1500	
	1300nm	MHZ.km	-----	≥200	≥200	≥500	

Application

Fiber Count		12
Outer diameter(mm		8.0
Nominal Weight kg/km		60
Max. Tension	Short-term	2,500
N	Long-term	800
Max. Crushing Resistance (N/100mm2)		2,800
Max. Bending Radius	Dynamic	20D
mm	Static	10D

ORDER CODES	
12 core loose tube steel wire Armored MM 50/125 (OM2) 1KM	IP-FR99Y12-1
12 core loose tube steel wire Armored MM 50/125 (OM2) 2KM	IP-FR99Y12-2

All Infilink FO cables comes with separate OTDR test report in wooden drums

www.InfilinkTechnologies.com

Fiber Optic Cable Loose Tube 24 Core Outdoor SM & MM Steel Tape
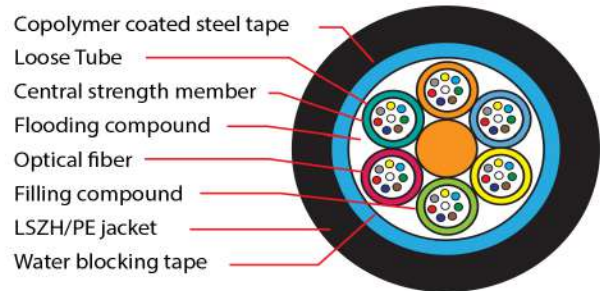
infilink TECHNOLOGIES

Infilink full line of indoor/outdoor armored multi loose tube cables are designed to meet all the rigors of the outside plant environment, and also have the necessary ratings to be installed inside the building. These cables eliminate the messy gel filler of traditional loose tube style cables with super absorbent polymers. The installer can place the cable anywhere in the network, bypassing the traditional transition points required in most installations. Cables are available with fiber counts from 12 to 144 in multiple tubes.

Infilink indoor/outdoor armored loose tube cables.
Features:
- No cleaning of gels, greatly reduces installation time
- Reduces labor costs by eliminating transition points at the demarcation
- Can be used outdoors or indoors
- Low insertion loss
- High return loss (low amounts of reflection at the interface)
- Ease of installation
- Low cost
- Reliability
- Low environmental sensitivity
- Ease of use
- Multitube Construction
- Additionally straighten member

Copolymer coated steel tape
Loose Tube
Central strength member
Flooding compound
Optical fiber
Filling compound
LSZH/PE jacket
Water blocking tape

Photon SERIES

Item	Characteristics
Operation temperature	-20C~+60C
Storage temperature	-40C~+60C
Sheath Material	P:PE; L:LSZH; or other

Fiber Count	Outside Diameter (mm)	L.T Diameter (mm)	Cable Weight (kg/km)	Tensile Load S (N)	Tensile Load L (N)	Crush Load S (N)	Crush Load L (N)	Bend Radius S (M)	Bend Radius L (M)
24	10.2	5	122.0	1500	600	1000	300	20D	10D

Color Code

BL- Blue	BR- Brown	RE- Red	PU- Purple
OR- Orange	GY- Grey	BK- Black	PI- Pink
GR- Green	WH- White	YE- Yellow	AQ- Aqua

Optical Characteristics :

Glass Type	62.5/125um Grade B	62.5/125um Grade A	50/125um Grade B	50/125um Grade A OM3	50/125um	SM(G652)
P/N Code(X)	62B	62A	50B	50A	OM3	09

Operating

Wavelength	850/1300nm	850/1300nm	850/1300nm	850/1300nm	850/1300nm	1310/1550nm
Bandwidth (MHz.km)	160/500	200/600	200/500	400/800 1500/500	-	
Attenuation (dB/km)	3.50/1.50	3.00/1.00	3..50/1.50	3.00/1.00	2.70/0.80	0.45/0.30

ORDER CODES

|	
24 core loose tube steel tape Armored PE	IP-FRX924P
24 core loose tube steel tape Armored LSZH	IP-FRX924L

Fiber Optic Cable Loose Tube Outdoor SM & MM Double Armored With Two Jackets

Infilink Outside Plant Single Armor Double Jacket Loose Tube fiber optic cables are designed for installation in harsh environments such as direct burial, aerial lashing, conduit and pathways that are subjected to wide temperature variations. The Armored Outside Plant product incorporates a corrugated steel armor tape between two jackets surrounding the core and is offered with two 144 fibers per cable. These cables are thoroughly tested and verified to TIA standard for outside cabling systems.

Infilink Outside Plant Single Armor Double Jacket Loose Tube fiber optic cables Features:

- High tensile strength, crush-resistant and small-diameter design
- Single-mode, multimode and hybrid design options available
- Corrugated steel armor provides crush and rodent resistance
- Fully water-blocked core using dry water blocking system
- Low Smoke, Zero Halogen and Armored designs
- Provides greater pulling distances, thus reducing installation time
- Broad design selection enables mix and match of fiber components to specific networking applications
- One cable design meets all structured cabling applications
- Long-term reliability
- Low cable plant maintenance, ease of installation
- Reduced network costs

PE Out Jacket
Steel Tape
Steel Tape
Coloured Fiber
Loose Tube
PE Inner Sheath
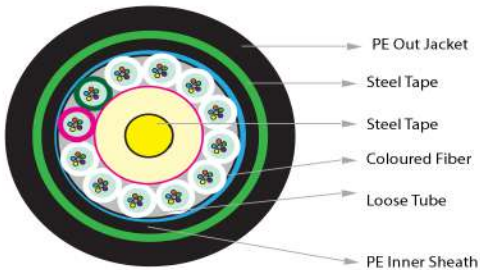
Items	Specifications
1 – Fiber Count	2 to 144
2 – Fiber Characteristic	According to the standard chromatogram
3 – Outer diameter of Loose Tube	2.15±0.05mm
4 – Central Strenght Member	Steel Wire
5 – Armored steel tape thickness	0.15mm
6 – Out jacket Material	PE

Fiber mode		Unit	Single mode fiber G652B	Multimode fiber 50/125	Multimode fiber 62.5/125
Condition		nm	1310/1550	850/1300	850/1300
Attenuation		dB/km	0.4/0.3	3.5/1.5	3.0/1.0
Dispersion	1550nm	ps(nm·km)	≤18	-----	-----
	1625nm	ps(nm·km)	≤22	-----	-----
Bandwidth	850nm	MHZ·.km	-----	≥200	≥160
	1300nm	MHZ. ·km	-----	≥200	≥200

Application:

Temperature range			°C	-40°-- +70°
Nominal weight			'g/m	LSZH:55
Min.Bending Radius (mm)	Dynamic		mm	20D
Min.Bending Radius (mm)	Dynamic		mm	10D

Cable Data:

Fiber count	O.D.(mm)	No. of Tubes	Cable wt.(kg/km)	Max. tension(N)		Max. crush resistance (N/100)	
				Short	Long	Short	Long
2--60	13.0±0.5	6	145	3000	1000	3000	1000
62--72	13.0±0.5	6	196	3000	1000	3000	1000
74--96	14.0±0.5	8	230	3000	1000	3000	1000
98--120	16.0±0.5	10	270	3000	1000	3000	1000
122--144	18.5±0.5	12	360	3000	1000	3000	1000

Packing and markings

Printings on optical fiber cable
Black printings are printed at intervals of 1 meter with the following information.

1. Meter marks
2. Type of cable and fiber count
3. Infilink name
4. Year of manufacture

Ask your distributor for FO cables part numbers

All Infilink FO cables comes with separate OTDR test report

Fiber Optic Connectors

infilink
TECHNOLOGIES

Infilink Optical fiber connectors are used to join optical fibers where a connect/disconnect capability is required. Typical application for Optical fiber connectors are telephone company central offices, at installations on customer premises, and in outside plant applications. Connectors are used to connect equipment and cables, or to cross-connect cables within a system. The basic connector unit is a connector assembly. A connector assembly consists of an adapter and two connector plugs and comes in LC, SC, SC/APC varieties, supports both Single Mode and Multimode applications up to 10 Gbps, and supports up to 1,000 mating cycles.

Infilink Optical Fiber Connectors offer:

- Low insertion loss
- High return loss (low amounts of reflection at the interface)
- Ease of installation
- Low cost
- Reliability
- Low environmental sensitivity
- Ease of use

Photon
SERIES

Key Features

- Connectors are available in different type of connectors SC, LC, ST, FC, MTRJ,..
- Connectors have variety of OM2, OM3 and OS1
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning:

- Infilink FO cables
- Infilink FO adapters
- Infilink FO patch cords
- Infilink FO pigtails
- Infilink FO patch panels

SPECIFICATIONS	PERFORMANCE
• Operating Temperature	-30ºC to 75ºC
• Storage Temperature	-40ºC to 85ºC
• Ferrule hole sizes (SM)	125.5+- 0.5 (um)
• Ferrule hole sizes (MM)	127.0+- 1.0 (um)
• Insertion loss (dB)	SM <=0.2
• Insertion loss (dB)	MM<=0.3
• Return loss (dB)	SM (PC) >=50C.2
• Return loss (dB)	SM (APC) >=60
• Exchangeability (dB)	<=0.2
• Repeatability (dB)	<=0.2
• Durability (dB)	<= 0.2 typical change, 1,000 mating

ORDER CODES	
Infilink FO Connector SC/PC SM	IP-FN931
Infilink FO Connector SC/PC MM	IP-FN531
Infilink FO Connector LC/PC SM	IP-FN901
Infilink FO Connector LC/PC MM	IP-FN501

Company Profile

Voice Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets Data Center Solutions & Cable management

Tools

Glossary

Fiber Optic Adaptors

Infilink full line of LC, SC, and APC couplers feature tightly toleranced slots to assure proper orientation of mated connectors. Typical applications for optical fiber couplers are in patch panels used in telephone company central offices, at installations on customer premises, and in outside plant applications. Infilink couplers feature ceramic sleeves to ensure precise alignment and signal integrity.

Infilink Optical Fiber Coupler features:

- Used to connect duplex SC fiber cables
- Plastic body provides a light-weight yet durable solution
- Dust caps protect against debris and contamination
- Ceramic alignment sleeve provides precise alignment for lower loss

Key Features

- Adaptors are available in different type of connectors SC, LC, ST, FC, MTRJ,.
- Adaptors have variety of OM2, OM3 and OS1
- Adaptors are available in Duplex and Simplex
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink FO cables
- Infilink FO connectors
- Infilink FO patch cords
- Infilink FO pigtails
- Infilink FO patch panels
- Infilink MPO solution

SPECIFICATIONS	PERFORMANCE
• Operating Temperature	-30ºC to 75ºC
• Storage Temperature	-40ºC to 85ºC
• Sleeve	Ceramic or Bronze
• Operating Wavelength	1200 ~ 1600 nm
• Insertion loss (dB)	SM <=0.2
• Insertion loss (dB)	MM <=0.3
• Return loss (dB)	SM (PC) >=50C.2
• Return loss (dB)	SM (APC) >=60
• Exchangeability (dB)	<=0.2
• Repeatability (dB)	<=0.2
• Durability (dB)	<= 0.2 typical change, 1,000 mating
• RoHS compliant	

ORDER CODES	
Infilink FO Adaptor SC/PC, SM, 9/125, Duplex	IP-FA932
Infilink FO Adaptor SC/PC, MM, 50/125, Duplex	IP-FA532
Infilink FO Adaptor LC/PC, SM, 9/125, Duplex	IP-FA902
Infilink FO Adaptor LC/PC, MM, 50/125, Duplex	IP-FA502

All Infilink FO cables comes with separate OTDR test report

www.InfilinkTechnologies.com

Fiber Optic
Patch Cord Assemblies

Company Profile

Voice Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets & Cable management Data Center Solutions

Tools

Glossary

Infilink top quality, high-speed Duplex Fiber Optic Patch Cables will unleash the power of your telecommunications system. With ceramic ferrules, these patch cords are suitable for high-speed, high-bandwidth telecommunications such that you would find in any data transmissions with high QoS values. The patch cords operate at the 850 and 1330 nm transmission windows for multimode, and 1310 nm or 1550 nm transmission windows for single mode applications. Each Optical Fiber Patch Cord is constructed of the finest components and shipped in individually sealed bags to ensure that they arrive in perfect condition. Test results for the individual patch cables are included in each bag. Color coded patch cords, as well as polarity tags at each end assist with identification during the installation process to make installation easy for anyone. The patch cords are offered in SC-SC, LC-LC, and SC-LC varieties for both single mode and multimode applications.

Infilink Optical Fiber Patch cords features:

- Core Diameter: 50/125, 62.5/125, and 9/125 micron
- Insertion loss: typically <0.10 dB (LC); 0.20 dB (SC)
- Return loss: >20dB
- Ceramic Ferrules for increased durability
- TIA/EIA-568-B.3 compliant
- Connectors: (LC) Small form factor with latch; (SC) Small form factor
- Used primarily for high-speed data communications such as Gigabit, or 10 Gbps Ethernet
- Physical Contact: PC (Polished Connector), APC (Angled Polished Connector)
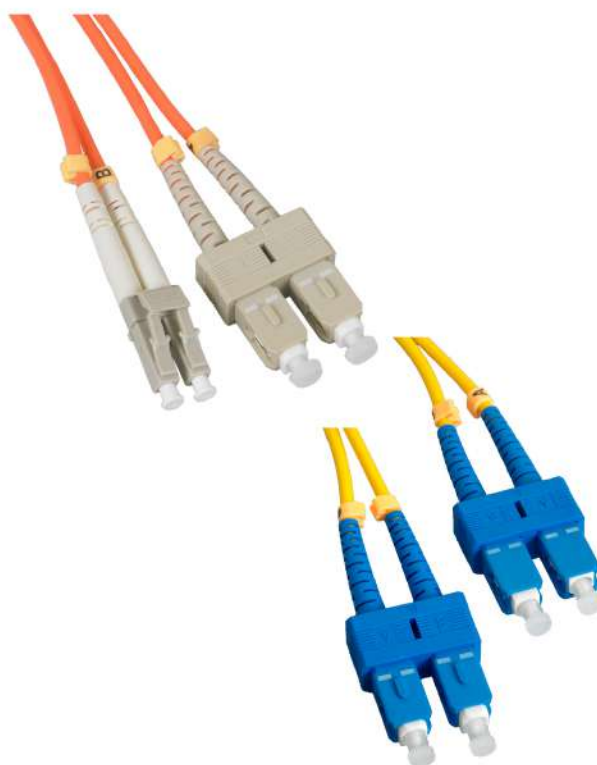
Key Features

- Every single Patch Cord has been tested and comes with a test result
- All Patch Cords are available in PC or APC types
- All Patch Cords are available in different lengths
- Patch Cords available in different type of connectors SC, LC, ST, FC MTRJ
- Patch Cords have variety of OM2, OM3 and OS1
- Extended Warranty

SPECIFICATIONS	PERFORMANCE
• Operating Temperature	-30ºC to 75ºC
• Storage Temperature	-40ºC to 85ºC
• Insertion loss (dB)	SM <=0.2
• Insertion loss (dB)	MM<=0.3
• Return loss (dB)	SM (PC) >=50C.2
• Return loss (dB)	SM (APC) >=60
• Exchangeability (dB)	<=0.2
• Repeatability (dB)	<=0.2
• Durability (dB)	<= 0.2 typical change, 1,000 mating

Companion Products

Consider these related Infilink products in your network planning:

- Infilink FO cables
- Infilink FO adapters
- Infilink FO pigtails
- Infilink FO connectors
- Infilink FO patch panels

ORDER CODES	
Infilink FO Patch Cord LC/PC-LC/PC, SM 9/125, Duplex, 3.0mm, yellow, 1m	IP-FC9051
Infilink FO Patch Cord SC/PC-LC/PC, MM 50/125, Duplex, 3.0mm, orange, 1m	IP-FC5101
Infilink FO Patch Cord SC/PC-LC/PC, SM 9/125, Duplex, 3.0mm, yellow, 1m	IP-FC9011
Infilink FO Patch Cord SC/PC-SC/PC, SM 9/125, Duplex, 3.0mm, yellow, 1m	IP-FC9031
Infilink FO Patch Cord SC/PC-SC/PC, MM 50/125, Duplex, 3.0mm, orange, 1m	IP-FC5031
Infilink FO Patch Cord LC/PC-LC/PC, MM 50/125, Duplex, 3.0mm, orange, 1m	IP-FC5051
Infilink FO Patch Cord LC/PC-LC/PC, SM 9/125, Duplex, 3.0mm, yellow, 3m	IP-FC9053
Infilink FO Patch Cord SC/PC-LC/PC, MM 50/125, Duplex, 3.0mm, orange, 3m	IP-FC5103
Infilink FO Patch Cord SC/PC-LC/PC, SM 9/125, Duplex, 3.0mm, yellow, 3m	IP-FC9013
Infilink FO Patch Cord SC/PC-SC/PC, SM 9/125, Duplex, 3.0mm, yellow, 3m	IP-FC9033
Infilink FO Patch Cord SC/PC-SC/PC, MM 50/125, Duplex, 3.0mm, orange, 3m	IP-FC5033
Infilink FO Patch Cord LC/PC-LC/PC, MM 50/125, Duplex, 3.0mm, orange, 3m	IP-FC5053

Fiber Optic Pigtails

Infilink high performance fiber optic pigtails, including the single mode and multimode types, are manufactured with premium grade connectors with typical 0.9mm outer diameter cables and are offered in the Simplex form. The pigtails are the most important part any fiber link as they are used to connect the cable to the active equipment within the patch panel. The fusion splice on the pigtail is the most economical way to provide a premium quality fiber optic connection. The fiber optic pigtail connectors are compliant with IEC and TIA/EIA specifications. It has one-piece construction and pull-proof design. Low cost but high performance, which makes it one of the most popular cables. Infilink Pigtails are supplied in the single mode 9/125, multimode 50/125 , multimode 10Gb 50/125 types. They come with PC, UPC, and APC connectors respectively.
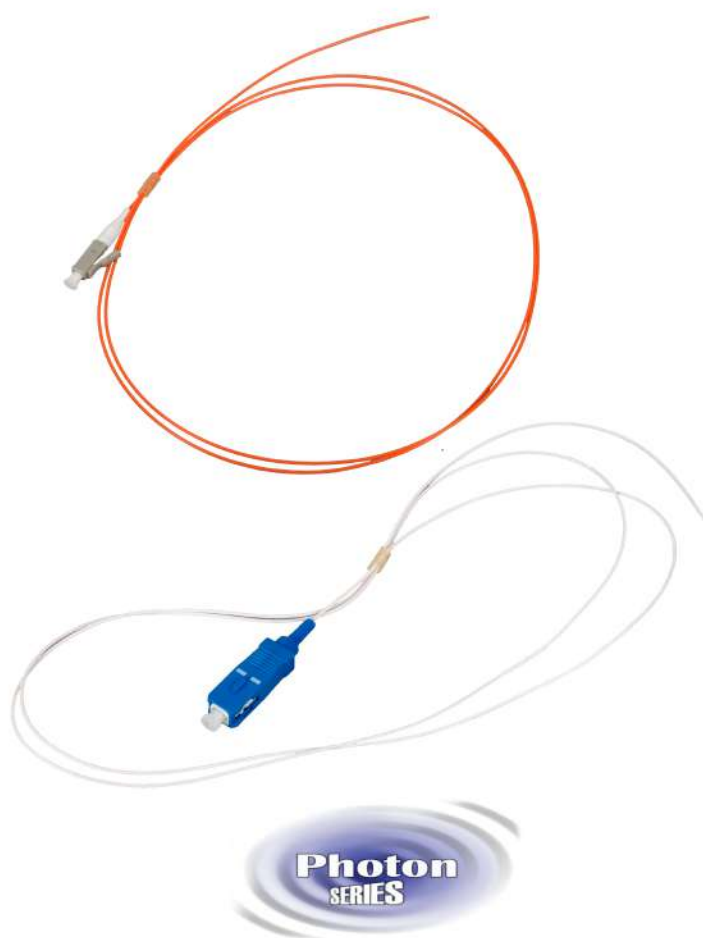
Key Features

- Every single Pigtail has been tested and comes with a test result
- All Pigtails are available in PC or APC types
- All Pigtails are available in different lengths
- Pigtails available in different type of connectors SC, LC, ST, FC, MTRJ,..
- Pigtails have variety of OM2, OM3 and OS1
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink FO cables
- Infilink FO adapters
- Infilink FO pigtails
- Infilink FO connectors
- Infilink FO patch panels

Fiber optic pigtail features:

- Compliance with Telcordia, ANSI, IEC, TIA/EIA specifications
- Low insertion loss & back reflection
- One-piece construction & pull-proof design
- Free-floating ceramic ferrule
- Corrosion-resistant body
- UL-rated plastic housing and boots in a variety of colors

SPECIFICATIONS	PERFORMANCE
• Operating Temperature	-30ºC to 75ºC
• Storage Temperature	-40ºC to 85ºC
• Insertion loss (dB)	SM <=0.2
• Insertion loss (dB)	MM <=0.3
• Return loss (dB)	SM (PC) >=50C.2
• Return loss (dB)	SM (APC) >=60
• Exchangeability (dB)	<=0.2
• Repeatability (dB)	<=0.2
• Durability (dB)	<= 0.2 typical change, 1,000 mating

ORDER CODES	
Infilink FO Pigtail SC/PC, SM 9/125, 0.9mm jacket, 1m	IP-PF931
Infilink FO Pigtail SC/PC, MM 50/125, 0.9mm jacket, 1m	IP-PF531
Infilink FO Pigtail LC/PC, SM 9/125, 0.9mm jacket, 1m	IP-PF901
Infilink FO Pigtail LC/PC, MM 50/125, 0.9mm jacket, 1m	IP-PF501

Fiber Optic Patch Panels

Infilink Rack Mount Fiber Enclosures are designed to provide optimal protection for any fiber optic applications. The enclosures are suited for 19" wide racks, and come in a powder-coated steel design with an integrated latching system. Each enclosure includes cable routing spools and splice trays. Included with the enclosures are zip ties, cable routing clamps, mounting screws, fiber splice sleeves and installation instructions, and are offered in SC and LC 12, 24,48 & 96 links varieties.

Fiber optic patch panel features:

- fully loaded with single mode or multimode Couplers
- fully loaded with single mode or multimode pigtail in SC, LC, or APC varieities
- Insertion loss: typically <0.10 dB (LC); 0.20 dB (SC)
- Return loss: >20dB
- TIA/EIA-568-B.3 compliant
- Used primarily for high-speed data communications such as Gigabit, or 10 Gbps Ethernet
- Power-coated steel
- Oven-baked finish

Key Features

- 19 inch rack, cabinets mountable
- Patch Panels are available in different type of adaptors SC, LC, ST, FC,..
- Patch Panels have variety of OM2, OM3 and OS1
- Patch Panels are available in Duplex and Simplex
- Patch Panels can be unloaded or fully loaded with adaptors, pigtails and cassettes
- Application: Telecommunications subscribers loop, Fiber to The Home, LAN/WAN, CATV

Companion Products

Consider these related Infilink products in your network planning:

- Infilink FO cables
- Infilink FO connectors
- Infilink FO patch cords
- Infilink FO pigtails
- Infilink FO adaptors
- Infilink MPO solution

- Material: Steel housing with powder coated epoxy, black color or any customized color
- Slide Type, Easily pull out without dismantlement from Rack
- Splice Tray up to 24 splicing per tray
- Rear section accommodates cable entry and holder
- Adaptor panel for ease of installation, inspection and testing
- Available in different sizes:
  - 12 or 24 port(1U)
  - 36 or 48 ports (2U)
  - 60 to 72 ports(3U)
  - 96 ports(4U)

SPECIFICATIONS	PERFORMANCE
• Operating Temperature	-30ºC to 75ºC
• Storage Temperature	-40ºC to 85ºC

ORDER CODES	
Infilink FO Patch Panel [Black] 12SC Duplex 9/125 with Pigtail	IP-FT932B
Infilink FO Patch Panel [Black] 24SC Simplex 9/125 with Pigtail	IP-FT931B
Infilink FO Patch Panel [Black] 12LC Duplex 9/125 with Pigtail	IP-FT902B
Infilink FO Patch Panel [Black] 24LC Duplex 9/125 with Pigtail	IP-FT904B
Infilink FO Patch Panel [Black] 12SC Duplex 50/125 with Pigtail	IP-FT532B
Infilink FO Patch Panel [Black] 12LC Duplex 50/125 with Pigtail	IP-FT502B
Infilink FO Patch Panel [Black] Unloaded 12SC Duplex slide out	IP-FT5005

infilink
TECHNOLOGIES

42U Networking Cabinet

Product Information
- Elegant look, profound technical expertise, precise dimension, add value to your projects
- Easy-to-fix concentrated distribution unit into frame
- Popular front door made with smoky gray color toughened glass
- Install caster and support feet at the same time
- Strong structure with 800kg max loading
- Wire path on the top and bottom can be closed, and wire holes dimension can be changed as request
- Optional bottom seat for stable stand, bottom wiring and bottom cold ventilation
- Side door and rear/front door can be taken down easily

Product Specifications
- steel frame vented front door rear door accelerate the Convection inside
- Smoked plexiglas front door, color is optional
- Removable side panels
- Leveling feet or castors
- Max. Static load: 800 kg
- Max. Dynamic load: 350 kg
- Width: 600, 800 mm
- Depth: 600, 800 mm

Key Features
- 19" Standard Installation
- Side doors with locks
- Various optional accessories

Companion Products

Consider these related Infilink products in your network planning:

- Networking Cabinet- 16U
- Networking Cabinet- 12U
- Networking Cabinet- 4U
- Networking Cabinet Accessories

9U Networking Cabinet

Product Information
- Frame structure, max loading of 60 kg
- Quick-open side door easy to install and maintain
- Top and bottom wire path
- Wall and stand installation type
- Optional caster and support feet for stand installing
- Quick wall mounting

Product Specifications
- Double-section structure
- Removable side door-for easy installing and maintaining
- Optional cable entrances through top and bottom plates
- Cooling fans can be installed for special requirements
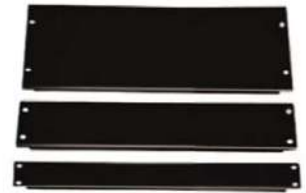- Thickness: Mounting Rails 2.0mm, others 1.2mm

www.InfilinkTechnologies.com

Networking Accessories

Company Profile

Voice-Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets & Cable management

Data Center Solution

Tools

Glossary

IP-NC1508

IP-NC1P

IP-NC100B
IP-NC120B
IP-NC140B

IP-NC1503

IP-NC1504

IP-DFJ021

IP-DFJ022

IP-NC1501

IP-NC1502

Key Features

- All trays are 19" Standard
- High quality finishing

Companion Products

Consider these related Infilink products in your network planning

- Networking Cabinet - 42U
- Networking Cabinet - 27U
- Networking Cabinet - 16U
- Networking Cabinet - 12U
- Networking Cabinet - 9U
- Networking Cabinet - 4U

IP-NC220A/IP-NC110A

IP-NC6P01

IP-NC6P02

IP-NC6P03

MPO® Cassettes

Infilink manufacture's state of the art MPO fiber optic cassettes that are composed a high-density preterminated fiber optic system designed exclusively for Data Centers, storage area networks, and local area networks. Infilink Fiber Optic Plug and Play (PnP) cassettes are designed with pre-terminated fiber and multi-fiber Plug-in Connectors (MPO). This allows the quick addition of new devices in a computerized system, without the need for reconfiguration or manual installation of other external devices. Internally, each fiber is routed and connected within the cassette to its appropriate port on the front end of the unit. Using Infilink's fiber cassettes enable the end user to save significant amounts of time. Infilink Cassettes are offered in OM2 (50/125), OM3 (50/125) & Singlemode OS1 (9/125) models.
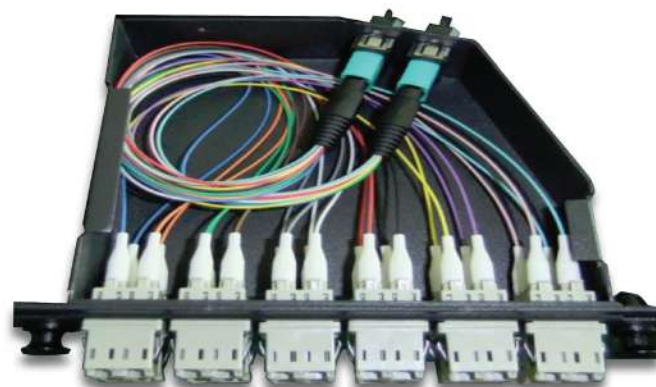
Infilink Optical Fiber MPO Cassettes offer:

- Low insertion loss
- No polishing (Pre-terminated)
- High return loss (low amounts of reflection at the interface)
- Ease of installation
- Reliable
- Low environmental sensitivity
- Plug and Play
- Material: Steel housing with powder coated epoxy, black color or any customized color
- Easily can be affixed to Infilink MPO® patch panels
- Factory terminated and tested
- Available with 12 or 24 LC or SC connectors

Key Features

- Small, compact with high density
- Future Proof for 10G applications
- Fast deployment saves cost of installation
- Application: Data Centers and critical environments
- High density up to 24 FO cores in each cassette
- No need splice, cleave, polish
- Extended Warranty

SPECIFICATIONS	PERFORMANCE
• Operating Temperature	-30ºC to 75ºC
• Storage Temperature	-40ºC to 85ºC

Companion Products

Consider these related Infilink products in your network planning:

- Infilink FO cables
- Infilink FO connectors
- Infilink FO patch cords
- Infilink FO pigtails
- Infilink FO adaptors
- Infilink MPO® Patch Panels
- Infilink MPO® trunk cable

Infilink MPO® CASSETTE ORDER CODES

IP - MPC -			
Channel Count	2 - 12 Fiber 4 - 24 fiber		
	Fiber Type	5 - 50/125 9 - 9/125 O - OM3	
			Connector Type LCU LCA SCU SCA

MPO® Trunk & Fanout Cables

Infilink MPO cable utilizes push-pull connector housings for quick and reliable connections. The Single Mode and Multimode low-loss is achieved by using more precise MT 8-fiber ferrules and guide pins. The superior precision of the ferrule yields comparable insertion loss values to those found in standard ceramic ferrules. Infilink MPO connectors meet IEC and TIA/EIA standards and are ideal for mission-critical environments such as Data Centers. MPO Cables are offered in various lengths in the form of OS1, OM2, and OM3 types.
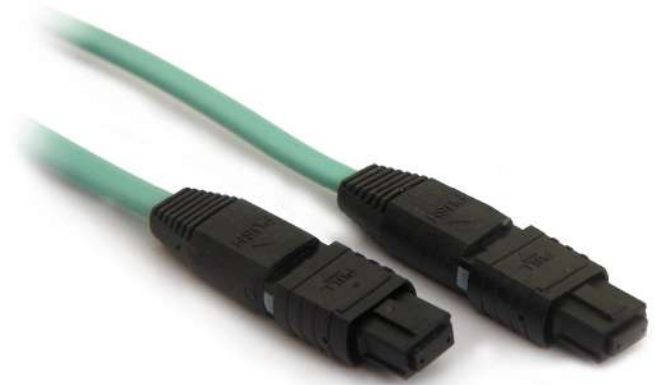
Infilink Optical Fiber MPO cables:

- Low insertion loss
- High return loss (low amounts of reflection at the interface)
- Ease of installation
- Plug and Play
- High Reliability
- Low environmental sensitivity
- Ease of use
- High Temperature Stability
- Quickly Exchangeable

Key Features

- Various Fiber numbers & types are available
- Future Proof for 10G applications
- Fast deployment saves cost of installation
- Application: Data Centers and critical environments
- High density up to 24 FO cores in each Trunk Cable or fanout
- No need splice, cleave, polish
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning:

- Infilink FO cables
- Infilink FO connectors
- Infilink FO patch cords
- Infilink FO pigtails
- Infilink FO adaptors
- Infilink MPO® Patch Panels
- Infilink MPO® Cassettes

SPECIFICATIONS	SINGLE MODE	MULTI MODE
Insertion Loss	≤0.2dB	≤0.25dB
Return Loss	≥50dB (PC)	
Repeatability	≤0.1	
Durability	≤0.2dB typical change 1000 mating	
Interchangeability	≤0.2dB	
Tensile Strength	>10Kg	

SPECIFICATIONS	PERFORMANCE
• Operating Temperature	-40ºC to 85ºC
• Storage Temperature	-40ºC to 85ºC

Connector Code	Fiber Type	Fiber Number	Length(M)
Male	9/125 um (SM)	4-fiber	customized
Female	50/125 um (MM)	8-fiber	
		12-fiber	
		16-fiber	
		24-fiber	

Company Profile

Voice-Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets & Cable management

Data Center Solutions

Tools

Glossary

MPO˚ Patch Panel

Infilink's Rack Mount MPO Fiber Enclosures are designed to provide optimal protection for any fiber optic applications. The enclosures are suited for 19" wide racks, and come in a powder-coated steel design with an integrated latching system. Each enclosure can support up to 3 MPO Cassettes, which can be locked into place without the need to access the Enclosure from back side of rack.

Front Cassettes snap mechanism allows IT managers the flexibility to add and remove cassettes easily, which saves valuable Data Center availability and uptime.

Key Features

- Small, compact with high density
- Future Proof for 10G applications
- Fast deployment saves cost of installation
- Application: Data Centers and critical environments
- High density up to 24 FO cores in each cassette
- No need splice, cleave, polish
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning:

- Infilink FO cables
- Infilink FO connectors
- Infilink FO patch cords
- Infilink FO pigtails
- Infilink FO adaptors
- Infilink MPO˚ Cassettes
- Infilink MPO˚ trunk cable

Fiber optic patch panel features:
- Powder-coat steel
- Oven baked finish
- Support of 72 Fiber links in 1U
- Used primarily for high speed data communications such as Gigabit, or 10 Gbps Ethernet
- Front Cassette Snap mechanism
- Material: Steel housing with powder-coated epoxy, black or any customized color
- Slide Type, Easily pull out without dismantling from Rack
- Rear section accommodates cable entry and holder
- Adaptor panel (cassette) for ease of installation and inspection
- Accommodates three Infilink MPO cassettes in 1U

SPECIFICATIONS	PERFORMANCE
• Operating Temperature	-30ºC to 75ºC
• Storage Temperature	-40ºC to 85ºC

ORDER CODES	
Infilink MPO Patch Panel [Black] accommodates 3 Cassettes	IP-PPMPO3C

Crimping and Punch Down Tool

The high performance Crimping Tool, for Networking and Telephony Applications

Termination Tools are the essential instruments any field support installers look forward to. They are highly compact and serve a multitude of purposes. All the tools are heavy duty and can sustain extensive use in the field. For your variety of network needs, the Infilink Crimping Tool is a tool specifically designed to maintain network accessories. Our professional crimp tool IP-CT001 crimps, strips, and cuts cable for 6 and 8 position modular plugs. The crimp tool offers a reliable, easy-to-use, and affordable solution to meet immediate cutting needs. Our professional ratchet crimp tool delivers convenience at a very economical price and is designed to be used with 8P8C/RJ-45, 6P6C/RJ-12 and 6P4C/RJ-11 connectors.

Key Features

- Single tool for Strip, Cut and Crimping of Connectors
- Heavy duty Steel construction
- Ideal for Networking and IP Telephony applications
- Extended Warranty

SPECIFICATIONS	PERFORMANCE
PHYSICAL	
• Body	7 ½" Steel Construction
• Mechanism	Ratchet
• Cable range	22 – 26 AWG round or Flat

Key Features

- Two Position high and low impact for better connectivity
- All Steel replaceable blade
- Ideal for Networking and IP Telephony applications
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning

- Infilink RJ-45 Connectors
- Infilink patch panels
- Infilink CAT-5e & 6 Cables
- Infilink faceplates
- Infilink Wall Boxes
- Infilink Keystone Jacks
- Infilink CAT-6 Connectivity

The high performance Punch Down Tool for onsite termination applications

Infilink Termination Tools are the essential instruments any field support installer, looks forward to. They are highly compact and serve multitude of purposes. All the tools are heavy duty and can sustain extensive use in the field. Infilink professional punch down tool, TC-PD001 with 110 blades, inserts and cuts terminations in one operation. Adjustable high and low actuation setting accommodates termination requirements or user preference. With spare storage that helps prevent blade loss, the precision blades are conveniently interchangeable. The punch down tool offers reliable, easy-to-use operation at an affordable prices.

SPECIFICATIONS	PERFORMANCE
PHYSICAL	
• Body	7 ½" Steel Construction
• Blade	Replaceable steel 110 type
• Impact	Variable (Hi – Low)

ORDER CODES	
Infilink-Crimping Tool	IP-CT001
Infilink-Impact variable speed punch down tool with 110 blade	IP-PD001

Company Profile

Voice Telephone Systems

Connectors and Outlets

Copper UTP Cables

Copper Shielded Twisted Pair Cables

Copper Cable Assemblies

Copper Patch Panels

Fiber Optic Cables (OM2, OM3, OS1)

Fiber Optic Accessories

Fiber Optics Cable assemblies

Fiber Optic Patch panels and enclosures

Networking Cabinets & Cable management Data Center Solutions

Tools

Glossary

Crimping and Punch Down Tool

infilink TECHNOLOGIES

The high performance Crimping Tool, for Networking and Telephony Applications

Termination Tools are the essential instruments any field support installers look forward to. They are highly compact and serve a multitude of purposes. All the tools are heavy duty and can sustain extensive use in the field. For your variety of network needs, the **Infilink** Crimping Tool is a tool specifically designed to maintain network accessories. Our professional crimp tool IP-CT8P crimps, strips, and cuts cable for 8 position modular plugs. The crimp tool offers a reliable, easy-to-use, and affordable solution to meet immediate cutting needs. Our professional ratchet crimp tool delivers convenience at a very economical price and is designed to be used with 8P8C/RJ-45 connectors.

Key Features

- Single tool for Strip, Cut and Crimping of Connectors
- Heavy duty Steel construction
- Ideal for Networking and IP Telephony applications
- Extended Warranty

SPECIFICATIONS	PERFORMANCE
PHYSICAL	
• Body	7 ½" Steel Construction
• Mechanism	Ratchet
• Cable range	22 – 26 AWG round or Flat

High Performance series

Key Features

- All Steel replaceable blade
- Ideal for High End Networking and IP Telephony applications
- All Pins will punch and cut same time
- Extended Warranty

Infilink EZ Tools for High Performance Module Terminator and Cutter(For GVS)

Infilink EZ tools for high performance Termination Tools is the essential instrument any field support installer, looks forward to. They are highly-compact and serve multitude of purposes. All the tools are heavy duty and can sustain extensive use in the field. Using this tool provide optimum performance which is only available with special Keystone Jack that designed for using with Infilink EZ Tools.

Companion Products

Consider these related Infilink products in your network planning

- Infilink RJ-45 Connectors
- Infilink patch panels
- Infilink CAT-5e & 6 Cables
- Infilink faceplates
- Infilink Wall Boxes
- Infilink Keystone Jacks
- Infilink CAT-6 Connectivity

SPECIFICATIONS	PERFORMANCE
PHYSICAL	
• Body	Plastic and Heavy Duty Steel

ORDER CODES	
Infilink-Crimping Tool	IP-CT8P
Infilink EZ Tools for High Performance Module Terminator and Cutter (For GVS)	IP-EZT

Installation Tool Kit, Tester & Probe Tracing

infilink
TECHNOLOGIES

The affordable and high performance Installation toolkit

Perfect for Network technician or professional.
A complete design for cabling solution.
Include remote cable tester for the most of cabling system before or after system is installed.
The affordable and high performance cable tester and tone generator plus probe to find cable pathway for or home and office use.

The **Infilink** Cable testers, including Cable Tracer features:

. Identify on live circuit condition (Ring, Busy, Clear) of tel line.
. Multi Function tester for (Off live circuit) tel line (6P2C) and Pares.
. Enhance tone signal output.
. Sensitive signal detect to be probe for Pairs Wire Tracer.
. Smart Operating Control Panel to

Key Features

- Tester
- Termination Tools
- Punch Down Tools
- Free jack and Boot Cover

Companion Products

Consider these related Infilink products in your network planning

- Infilink Patch Panels
- Infilink Cat-6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers

SPECIFICATIONS	PERFORMANCE
Tester Port	RJ45 and BNC
MECHANICAL	
• Punch Down Tools	66 and 110
• Cable Stripper	Included
PHYSICAL	
Electrical	
• Plug Type	RJ 45 and RJ 11
• Power LED	Yes
• Power Switch	Yes
• Indicator LEDs	Continuity and Standby

ORDER CODES

Infilink 92 Piece LAN Cable Tester Tool Kit	IP-92PTKIT01
Infilink Cable Tester For Rj11/Rj45 Modular Plug	IP-RJ1145CT01
Infilink Tone & Probe Tracing Kit With Led Flash, Tone Generator & Probe Kit	IP-TPTK001

Company Profile
Voice-Telephone System
Connectors and Outlets
Copper UTP Cables
Copper Shielded Twisted Pair Cables
Copper Cable Assemblies
Copper Patch Panels
Fiber Optic Cables (OM2, OM3, OS1)
Fiber Optic Accessories
Fiber Optics Cable assemblies
Fiber Optic Patch panels and enclosures
Networking Cabinets & Cable management
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Tools
Glossary

PoE Gigabit Injector 16 port

Infilink 16 port gigabit PoE injector panel is used to provide POE for 10/100/1000 Mbit/s Ethernet. The upper Rj45 sockets is for LAN/Switch/PC connection and the lower RJ45 sockets are to deliver data and power to POE devices. Passive POE is combination of 16 sets of two Rj45 sockets and two 48V DC power jacks.

Input power requires 120W or more dc power, the total POE output power must be lower than the MAX output power of power adapter. If not, it is necessary to consider using higher power adapter. The recommended formula for calculating maximum power requirement of POE power injector is 15W per RJ45 set (1 set = 2 x RJ45 sockets). For example, 16 x 15W = 240W for 16 port Passive PoE panel.

LED Indicator

5 LED status indicators
One Master Power and four for each group of sockets

	1-4 socket of LED1	5-8 socket of LED2	9-12 socket of LED3	13-16 socket of LED4
Port current 0-20ma	OFF	OFF	OFF	OFF
Port current 0-400ma	GREEN	GREEN	GREEN	GREEN
Port current >400ma	YELLOW	YELLOW	YELLOW	YELLOW

Key Features

- Use 10/100/1000M Ethernet
- Flexible power(DC 18 - 57V)
- For 1'U high standard rack mount
- 5 LED status indicators
- Use with any Ethernet switch
- 650ma automatic resettable fuse on each port
- Supports IEEE 802.3at or 802.3af devices
- o Mode A operation-minus on pins1/2,plus on3/6(802.3af/at)
- o Mode B operation-minus on pins7/8,plus on4/5(Mikrotik,UBNT)
- Ideal for IP cameras,VOIP phone,WiFi Access Points

Companion Products

Consider these related Infilink products in your network planning

- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink Cat-6 Connectivity

SPECIFICATIONS	PERFORMANCE
Compliance	FCC
CE Approval	Yes
Connectors	Data in: (16) RJ-45 (10/100/1000);
Data/PoE out	(16) RJ-45 (10/100/1000);
Power inlet	Adapter (2-pin)
Power	AC input voltage range: 90-264 VAC;
AC input voltage rating:	100-240 VAC, 47-63 Hz;
Output PoE	15.4 W per port
Size	(1U) x 482.6mm x 44.3mm x 52 mm)
Weight	1.3 kg
Input	100-240Vac (18-57V Dc In)
Output	18-57V
Data	1/2&3/6&4/5&7/8
Power	3/6+ & 1/2- ,4/5+&7/8-
Data In Connects	PC/HUB/Switch
Weight 16 Port	1.3Kg
Case of material	metal work material
Ethernet Cable	TIA/EIA 568 Cat. 5
Data rate	10/100/1000Mbps
Connector	RJ-45
Operating Temperature	0℃ ~ 40℃
Storage Temperature	-40℃~+70℃
Operating Humidity	10%~80%RH
Storage Humidity	5%~90%RH
Certification	CE FCC

ORDER CODES

Infilink 16 Port Gigabit 48V/120W POE Injector	IP-PPGPOE16

PoE Injector 16 port

Infilink 16 port PoE injector panel is used to provide POE for 10/100 Mbit/s Ethernet. The upper Rj45 sockets is for LAN/Switch/PC connection and the lower RJ45 sockets are to deliver data and power to POE devices. Passive POE is combination of 16 sets of two Rj45 sockets and two 48V DC power jacks.

Input power requires 160W or more dc power, the total POE output power must be lower than the MAX output power of power adapter. If not, it is necessary to consider using higher power adapter. The recommended formula for calculating maximum power requirement of POE power injector is 10W per RJ45 set (1 set = 2 x RJ45 sockets). For example, 16 x 10W = 160W for 16 port Passive PoE panel.

LED Indicator

LED status indicators
Master power LED
POWER   4/5 (V+),7/8 (V-) GREEN   4/5 (V-),7/8 (V+) RED

Key Features

- Use 10/100M Ethernet
- Flexible power(DC 24 - 57V)
- For 1'U high standard rack mount
- LED status indicators
- Use with any Ethernet switch
- Ideal for IP cameras,VOIP phone,WiFi Access Points

Companion Products

Consider these related Infilink products in your network planning

- Infilink Cat-5e & 6 Cables
- Infilink RJ-45 Connectors
- Infilink Faceplates
- Infilink Wall Boxes
- Infilink Boot Covers
- Infilink Patch Cables
- Infilink Cat-6 Connectivity

SPECIFICATIONS	PERFORMANCE
Compliance	FCC
CE Approval	Yes
Connectors	Data in: (16) RJ-45 (10/100);
Data/PoE out	(16) RJ-45 (10/100);
Power inlet	Adapter (2-pin), and 3 PIN power connector
Input	100-240V AC 50/60Hz
Output	12 TO 48 V 160W (Min)
Data	1/2&3/6
Power	4/5 V+ & 7/8 VData
In Connects	PC/HUB/Switch
Weight 16	Port 1.0Kg
Dimensions	482.6mm×44.3mm×25mm
Case of material	metal work material
Ethernet Cable	TIA/EIA 568 Cat. 5
Data rate	10/100Mbps
Connector	RJ-45
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C~+70°C
Operating Humidity	10%~80%RH
Storage Humidity	5%~90%RH
Certification	CE

ORDER CODES	
Infilink 16 Port 48V/160W POE Injector	IP-PPPOE16

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* Standardizations & Certification
* Collecting loyalty points

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