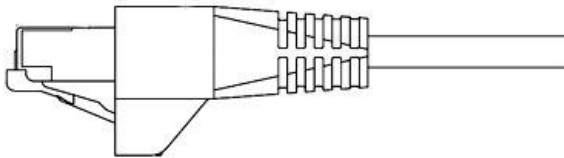


Category 6 Shielded Patch Cord

Category 6 Shielded Half Boot Patch Cords

The Infinique Category 6 Shielded Patch Cord delivers the best network performance when used in conjunction with other Infinique's Category 6 products. Its cable construction and shielding suppresses alien crosstalk and provides EMI/RFI protection. The slim-line plug with 360 degree crimp provides narrow profile for less congestion in higher density applications and excellent plug-to-cable strain relief. The patch cord is constructed of superior quality cable and RJ45 plugs designed to operate up to 500MHz. These cords meets or exceed Category 6 performance requirements. Infinique's Category 6 Shielded Patch Cord are backwards compatible with Category 5e and Category 6 components.



ELECTRICAL SPECIFICATIONS

Contact Resistance	10 mΩ
Input to Output Resistance	200 mΩ
Min. Dielectric Withstand Voltage	1000 V DC or AC peak
Insulation Resistance	500 mΩ
Compatibility	Cat 5e and Cat 6 Backward Compatible
Current Rating	1.5 A
PoE	PoE and PoE+
Surface Transfer Impedance	<10 mΩ/m @ 10 MHz

PHYSICAL PROPERTIES

Conductor	Stranded Copper 26 AWG 7x32
Cable Construction	S/FTP
Nominal Diameter	6.35mm
Wiring	T568A/B
Jacket Sheath	LSOH Flame Retardant
Flammability Rating	UL 94 V-0
Plug Housing Material	Polycarbonate
Contact Materials	50 micro inches gold plating or equivalent
Plastic Materials	Flame Retardant Thermoplastic
Plug Shield	360 degree enclosure
Operating Temperature	-10°C ~ 60°C
Number of Plug Insertion Cycles	750
Minimum Plug Retention Force	50N
Plug Compatibility	Compatible with RJ45 outlets
Cable to Plug Tensile Strength	20 lbs

STANDARDS / COMPLIANCE

Meets or Exceeds EN 50288-4-1 up to 500MHz and IEC 61156-5 up to 500MHz
 Flame Retardant as per IEC 60332-1 and EN 50266-2-1
 Non Corrosive as per IEC 60754-2 and EN 50267
 Low Smoke Emission as per IEC 61034 and EN 50268

ETHERNET APPLICATIONS SUPPORTED

Suitable for 10GBase-T applications in accordance with IEEE 802.3an up to 500 MHz and 100 m.

ORDERING INFORMATION

Part Number	Description
INPC6SHB1GY	Category 6 Shielded Twisted Pair Half Boot Patch Cord, 1M, Grey
INPC6SHB2GY	Category 6 Shielded Twisted Pair Half Boot Patch Cord, 2M, Grey
INPC6SHB3GY	Category 6 Shielded Twisted Pair Half Boot Patch Cord, 3M, Grey
INPC6SHB1GYL	Category 6 Shielded Twisted Pair Half Boot Patch Cord, 1M, LSOH, Grey
INPC6SHB2GYL	Category 6 Shielded Twisted Pair Half Boot Patch Cord, 2M, LSOH, Grey
INPC6SHB3GYL	Category 6 Shielded Twisted Pair Half Boot Patch Cord, 3M, LSOH, Grey

Delivery: One Patch Cord per bag. Other color and length available for custom orders.