

# Category 6A STP Molded Patch Cord

## Category 6A Shielded Twisted Pair Half Boot Molded Patch Cord

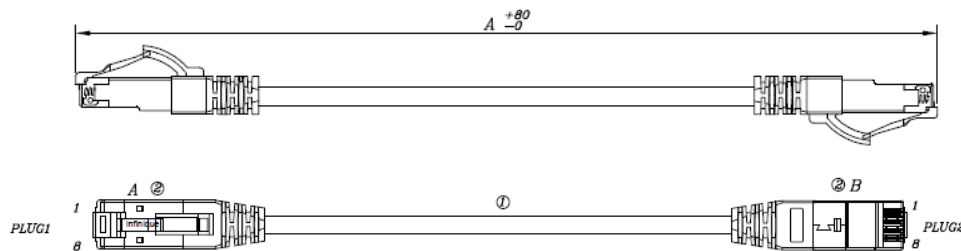
Infinique's Category 6a STP Patch Cords are designed to guarantee application assurance, provide optimum channel performance and support for emerging high bandwidth applications such as Gigabit Ethernet. Molded Slim-Line Snag-Proof Boot prevents cable pair disturbance that can degrade performance. Slim-Line Boots enable the patch cords to be installed in high density equipment, and prevents snags when pulling cable.

Collectively with other Infinique's Structured Cabling Products, they are an excellent choice for your voice and data communication needs.

### Features and Benefits

- Certification**  
 ETL Verified for performance as per ANSI/TIA-568-C.2 and ISO/IEC 11801 standards
- Reliable Performance**  
 Electrical performance guaranteed to meet or exceed the channel specifications of ANSI/TIA-568-C.2 and ISO/IEC 11801 of Category 6a
- Superior Design**  
 Molded Slim-Line Snag-Less Integrated Boot Cable strain relief, modular plug contacts 50µ" Gold Plated, UL94V-0
- Performance Warranty**  
 Qualifies for the Infinique's 25 Years System Performance Link Warranty

### PATCH CORD CONSTRUCTION



**High Density Patching**  
 The long slimline half boot of the patch cords are suitable for high density patching and are compatible with Infinique Patch Panels.

**Superior Performance**  
 Category 6 90 Degree Keystone Jacks when used with Infinique's half boot patch cords gives superior performance.

**Compatible**  
 Infinique's patch cords are compatible with all Infinique's face plates and floor modules.



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### 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

### MATERIAL SPECIFICATIONS

Conductor	Stranded Copper 26 AWG 7x32
Cable Construction	SSTP
Nominal Diameter	6.5 mm
Wiring	T568A/B
Jacket Sheath	LSOH Flame Retardant
Flammability Rating	UL 94 V2
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	1200
Minimum Plug Retention Force	50N
Plug Compatibility	Compatible with RJ45 outlets
Cable to Plug Tensile Strength	20 lbs

### STANDARDS/COMPLIANCE

Meets ANSI/TIA/EIA-568-C.2 Category 6 with the applicable electrical transmission characteristics  
 Meets TIA/EIA TSB-40 requirements  
 Meets ISO/IEC Generic Cabling Standard 11801:2002 ed.2.0  
 Meets CENELEC Generic Cabling Standard EN50173 – 1:2002  
 RoHS Compliant

### TYPICAL APPLICATIONS

100BASE-TX Fast Ethernet  
 Token Ring  
 1000BASE-T Gigabit Ethernet  
 155 Mbps ATM  
 Composite Video  
 622 Mbps ATM

### ORDERING INFORMATION

Part Number	Description
INPC6ASHB1GYL	Category 6A Shielded Twisted Pair Half Boot Patch Cord, LSOH, 1M, Grey
INPC6ASHB2GYL	Category 6A Shielded Twisted Pair Half Boot Patch Cord, LSOH, 2M, Grey
INPC6ASHB3GYL	Category 6A Shielded Twisted Pair Half Boot Patch Cord, LSOH, 3M, Grey
INPC6ASHB5GYL	Category 6A Shielded Twisted Pair Half Boot Patch Cord, LSOH, 5M, Grey

Delivery: One Patch Cord per bag.  
 Also available in red, green, blue, yellow and black color and other lengths for custom orders.



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