

Category 6a SSTP Molded Patch Cord

Category 6a Shielded Twisted Pair Half Boot Molded Patch Cord

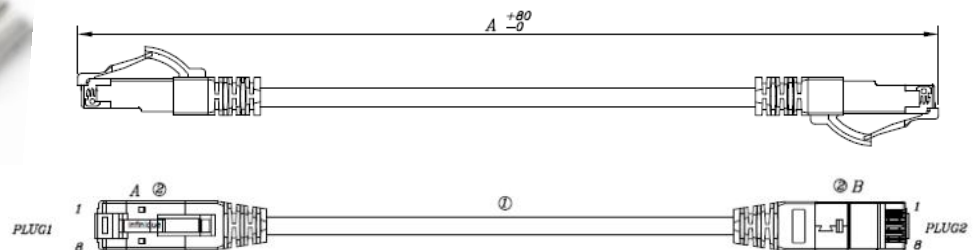
Infinique's Category 6a SSTP Patch Cords are designed to guarantee application assurance, provide optimum channel performance and support for emerging high bandwidth applications such as Gigabit Ethernet. Molded Slim-Line Snag-Proof Boot prevents cable pair disturbance that can degrade performance. Slim-Line 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 for custom orders.

Infinique's Extended Product Warranty provides a 25-year product and applications assurance of compliance with the industry performance standards appropriate to the class of cabling installed. This is a link performance warranty, covering patch panel to outlet and may be applied for by an Authorized Infinique's Channel Partner who has designed, supplied and installed the system.



Infinique, a Canadian company is a manufacturer of high performing end-to-end solutions in copper, fiber and video surveillance systems. For more information visit our website at www.infinique.com or email us at sales@infinique.com.

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Product specification, design and availability subject to change without prior notice.

Infinique Copper Systems

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