

Category 6 UTP Molded Patch Cord

Category 6 Unshielded Twisted Pair Half Boot Molded Patch Cord

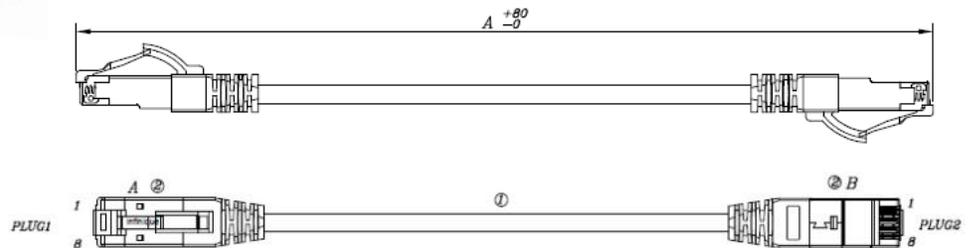
Infinique's Category 6 UTP Patch Cords are designed to guarantee application assurance, provide optimum channel performance and support for emerging high bandwidth applications such as Gigabit Ethernet. Molded Slim-Line Snag-Proof Boot prevents cable pair disturbance that can degrade performance. Slim-Line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

Current Rating	2.0A maximum
Insulation	500mΩ minimum
Contact Resistance	20mΩ maximum
DC Electric Strength	1KV / 1 min
Characteristic Impedance (1—250 MHz)	100 Ω

MATERIAL SPECIFICATIONS

Plug	Transparent UL 94V-0 Polycarbonate Housing
Molded Boot	PVC UL 94V-0
Contacts	Phosphor bronze with 50µ" gold over 100µ" nickel
Conductor	Stranded Copper 24 AWG (7x0.20mm)
Mating Cycles	750 mating cycles
Insulation	HDPE
Cabling	Four Unshielded Twisted Pairs with spacer
Pairing	1 – Blue/White-Blue; 2 – Orange/White-Orange; 3 – Green/White-Green; 4 – Brown/White-Brown
Tensile Strength	> 50N
Bending Radius	Min. 8x of Cable Diameter
Fire Safety Standard	UL 94V-0
Outer Jacket	LSOH
Cable Overall Diameter	6.0 mm
Operating Temperature	-20°C to 60°C
Storage Temperature	-20°C to 75°C
Installation Temperature	0°C to 60°C

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, 1000BASE-T Gigabit Ethernet
Token Ring, 155 Mbps ATM, Composite Video, 622 Mbps ATM

ORDERING INFORMATION

Part Number	Description
INPC6HB1GYL	Category 6 Unshielded Twisted Pair Half Boot Patch Cord, LSOH, 1M, Grey
INPC6HB2GYL	Category 6 Unshielded Twisted Pair Half Boot Patch Cord, LSOH, 2M, Grey
INPC6HB3GYL	Category 6 Unshielded Twisted Pair Half Boot Patch Cord, LSOH, 3M, Grey
INPC6HB1GY	Category 6 Unshielded Twisted Pair Half Boot Patch Cord, 1M, Grey
INPC6HB2GY	Category 6 Unshielded Twisted Pair Half Boot Patch Cord, 2M, Grey
INPC6HB3GY	Category 6 Unshielded Twisted Pair Half Boot Patch Cord, 3M, 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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