Category 6A UTP Patch Cord

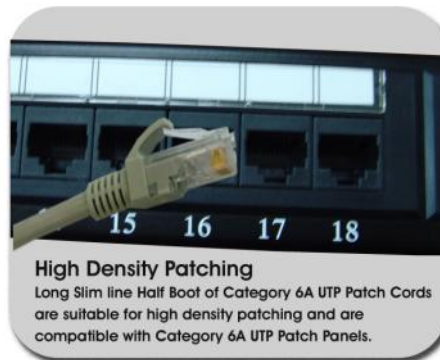Category 6A Unshielded Half Boot Patch Cord

The Infinique 10G+ Category 6A UTP Patch Cord delivers the best network performance when used in conjunction with other Infinique's 10G+ Category 6A UTP Products. Its cable construction suppresses alien crosstalk and provides EMI/RFI protection. The half-boot plug provides narrow profile for less congestion in higher density applications and an excellent plug-to-cable strain relief.

The patch cord is constructed of superior quality cable and UL94V.0 RJ45 plugs designed to operate up to 500MHz. These cords meet or exceed all ETL Verified for performance as per ANSI/TIA-568-C.2 Category 6A and ISO/IEC 11801 Class EA Standards. Infinique's 10G+ Cat. 6A UTP Patch Cord are backwards compatible with Cat.3, Cat5e and Cat6 copper systems.

Features and Benefits

- **Certification**
  ETL Verified for performance as per ANSI/TIA-568-C.2 Category 6A and ISO/IEC 11801 Class EA Standards
- **Reliable Performance**
  UL 94V-0 rated plastic material, 50 micron inch gold over 100 micron inch nickel, Category 6A UTP 4-pair stranded 24AWG 7x0.20mm
- **Superior Design**
  Molded Slim-Line Snag-Less Integrated Boot Cable strain relief, Modular plug contacts 50µ" Gold Plated with UL 94V-0 housing, PVC and LSOH Jacket
- **Performance Warranty**
  Qualifies for the Infinique's 25 Years System Performance Link Warranty

CONSTRUCTION

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

High Density Patching
Long Slim line Half Boot of Category 6A UTP Patch Cords are suitable for high density patching and are compatible with Category 6A UTP Patch Panels.

Superiror Performance
Infinique's Category 6A UTP Patch Cords are compatible with all Infinique's Cat.6A Keystone Jacks.

Category 6A UTP Patch Cord

Category 6A Unshielded Half Boot Patch Cord

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
DC Electric Strength	1KV / 1 min
Characteristic Impedance (1-500 MHz)	100 Ω

MATERIAL SPECIFICATIONS

Plug	Transparent UL 94V-0 Polycarbonate Housing
Molded Boot	PVC UL 94V-0
Contacts	Phosphor bronze with 50μ" gold over100μ" nickel
Conductor	Stranded Copper 24 AWG (7x0.20mm)
Mating Cycles	750
Cable Construction	Four Unshielded Twisted Pairs with spacer
Wiring	T568A / T568B
Flammability Rating	UL 94 V-0
Plug Housing Material	Polycarbonate
Contact Materials	50 micro inches gold plating or equivalent
Plastic Materials	Flame Retardant Thermoplastic
Operating Temperature	-10°C ~ 60°C
Minimum Plug Retention Force	50N
Plug Compatibility	Compatible with RJ45 outlets
Cable to Plug Tensile Strength	20 lbs
Outer Jacket	LSOH Flame Retardant
Cable Overall Diameter	6.35mm
Operating Temperature	-20°C to +60°C
Storage Temperature	-20°C to +75°C
Installation Temperature	0°C to +60°C

STANDARDS / COMPLIANCE

ETL Verified for performance as per ANSI/TIA-568-C.2 Category 6A and ISO/IEC 11801 Class EA Standards
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

10GBASE-T Gigabit Ethernet, 1000BASE-T, 100BASE-T, 10BASE-T, 1.2/2.4 Gbs ATM, IP Video Surveillance

ORDERING INFORMATION

Part Number	Description
INPC6AHB1GY	Category 6A UTP Half Boot Patch Cord, 1M, Grey
INPC6AHB2GY	Category 6A UTP Half Boot Patch Cord, 2M, Grey
INPC6AHB3GY	Category 6A UTP Half Boot Patch Cord, 3M, Grey
INPC6AHB1IBL	Category 6A UTP Half Boot Patch Cord, LSOH, 1M, Grey
INPC6AHB2IBL	Category 6A UTP Half Boot Patch Cord, LSOH, 2M, Grey
INPC6AHB3IBL	Category 6A UTP Half Boot Patch Cord, LSOH, 3M, Grey

Delivery: One Patch Cord per bag. Also available in red, green, blue, yellow and black color for custom orders.
To order Patch Cords of different size replace the meter digit with the desired length in meters.

Infinique
An ISO 9001:2008 Company

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.

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