



Patch Cord with Molded Boots

NEX1's unique, highly flexible designed patch cord is fully complied with EIA/TIA 606 specifications. Its molded boots prevent loose contact and bent latch when removing them from patch panels. And they reduce crosstalk.

Features:

- Complies with TIA/EIA TSB36A, T568-A, Category 5 requirements
- Certified to 100Mbps transmission speed
- All feature four pairs (7 x 32 AWG), RJ-45 connectors, and a PVC jacket
- Tangle free latch prevents snags and provides easy release, saving time on frequent moves, add and changes
- Constructed of enhanced performance 24 AWG stranded UTP cable
- Offered in a variety of sizes and color to meet your individual length and color coding requirements
- Standard EIA/TIA 568A and 568B pin assignment
- Customized color and length available

Applications

- ◆ 622 Mbps ATM
- ◆ 155 Mbps ATM
- ◆ 100 Mbps TP-PMD
- ◆ 100 VG-anyLAN
- ◆ 100 Mbps Fast Ethernet (IEEE 802.3u)
- ◆ 100 Mbps CDDI
- ◆ 10 Mbps Ethernet (IEEE 802.3)
- ◆ 4 Mbps & 16 Mbps Token-Ring (IEEE 802.5)
- ◆ ISDN
- ◆ Analog voice

Physical Specifications

- ◆ Fire-retardant (FR-PVC) cable construction
- ◆ Cable Type: 4-pair stranded UTP
- ◆ 7 x 32 AWG conductor gauge
- ◆ Hood Assembly: Plastic, with molded/booted hood
- ◆ Connectors: RJ-45
- ◆ Insertion life cycle: 1,000 cycles (minimum)
- ◆ Plug retention force : 30 lb. (minimum)

Electrical Specifications

- ◆ Impedance: 100 ±15 Ω
- ◆ Near-End Crosstalk: 36dB @ 100 MHz
- ◆ Resistance: 45Ω/1,000 ft. (304.8 m)
- ◆ Attenuation: 0.81 dB/100 MHz at 10 ft. (3 m)
- ◆ Mutual Capacitance: 17nf/1,000 ft. (maximum).
- ◆ DC Resistance: Max. 28.6Ω/100 ft. at 20°C
- ◆ Operating temperature: -20°C to +75°C

- ◆ **Color options:** Red, Yellow, Orange, Green, Blue, Grey

◆ Category 5 Patch Cord

Part Number	Description	Std. Pkg. Qty.
NPC1-BE	Blue Category 5 patch cord with molded boot on both ends (Length: 1 m.)	1
NPC2-BE	Blue Category 5 patch cord with molded boot on both ends (Length: 2 m.)	1
NPC3-BE	Blue Category 5 patch cord with molded boot on both ends (Length: 3 m.)	1
NPC5-BE	Blue Category 5 patch cord with molded boot on both ends (Length: 5 m.)	1
NPC10-BE	Blue Category 5 patch cord with molded boot on both ends (Length: 10 m.)	1
NPC15-BE	Blue Category 5 patch cord with molded boot on both ends (Length: 15 m.)	1

Part Number	Description	Std. Pkg. Qty.
NPC1-GY	Grey Category 5 patch cord with molded boot on both ends (Length: 1 m.)	1
NPC2-GY	Grey Category 5 patch cord with molded boot on both ends (Length: 2 m.)	1
NPC3-GY	Grey Category 5 patch cord with molded boot on both ends (Length: 3 m.)	1
NPC5-GY	Grey Category 5 patch cord with molded boot on both ends (Length: 5 m.)	1
NPC10-GY	Grey Category 5 patch cord with molded boot on both ends (Length: 10 m.)	1
NPC15-GY	Grey Category 5 patch cord with molded boot on both ends (Length: 15 m.)	1
NPC@-*	Category 5 patch cord with molded boot on both ends (Length: @ m. ; Color: *)	1

- ◆ "@ " mark stands for different digit for the lengths of the cords specified by the customers while "*" indicates the preferred color. 20 stands for 50 meters; 50 for 20 meters etc.