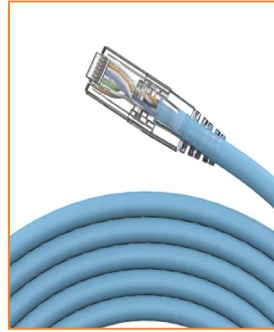


CATEGORY 6 U/UTP 24 AWG PATCH CORD



Product Overview

AGER CAT6 U/UTP Patch Cord products are standard LSOH sheathed and comply with ANSI/TIA-568-2-D and ISO/IEC-11801 (2nd version) standards. It can be offered in different colours and desired quantities.

It meets the requirements of ANSI/TIA-568.2-D and ISO/IEC-11801 (second version) standards and is subjected to regular quality tests by international test organisations.

Supported Protocols

- 10BASE-T Ethernet
- 100BASE-T2
- 100BASE-T4
- 100BASE-TX
- 100BASE-T "Fast Ethernet"
- 1000BASE-T Gigabit Ethernet
- ATM 52
- ATM 25
- ATM 155
- TP-PMD
- Token Ring 100 Mbps
- Token Ring 4 Mbps and 16 Mbps
- Broadband and Baseband Video
- ISDN Basic and Primary Access
- 1BASE-5 Starlan
- IISALAN
- UL94 V-0

Product Shipping Information

| PRODUCT SHIPPING INFORMATION | |
|------------------------------|---|
| Product Code | Product Description |
| ACPC6-400-LA50-GR | 4x2x24# U/UTP CAT 6 LSOH Patch Cord Gri 0,50 mt |
| ACPC6-400-LB1-GR | 4x2x24# U/UTP CAT 6 LSOH Patch Cord Gri 1mt |
| ACPC6-400-LB2-BL | 4x2x24# U/UTP CAT 6 LSOH Patch Cord Mavi 2mt |
| ACPC6-400-LB5-RD | 4x2x24# U/UTP CAT 6 LSOH Patch Cord Sarı 3mt |

Cable Specifications

| MECHANICAL AND PHYSICAL PROPERTIES | |
|------------------------------------|--|
| CONDUCTOR | 24 AWG cross-section Flexible stranded copper 7 x 0,20 mm |
| CONDUCTOR WIRE COLOURS | Blue x Blue-White, Orange x -WhiteOrange-White, Green x Green-White, Brown x Brown-White |
| CONDUCTOR WIRE INSULATION | Polyolefin |
| WIRE COUNT | 8 WIRE, 4 PER (twisted) |
| TAPE COATING | NO |
| FOLIO | NO |

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Cable Specifications

| MECHANICAL AND PHYSICAL PROPERTIES | |
|---|--|
| OUTER SHELL | LS0H (LSZH) Low Smoke Halogen Free |
| OUTER SHELL COLOUR | Grey RAL 7035 (Different colours can be offered upon request.) |
| GROUNDING | NO |
| SPACE BETWEEN PERLERS | NO |
| CABLE WRITING INFORMATION | Brand, Product Code, Cable Type, Related Standard, Quantity, Batch Number |
| CABLE DIAMETER | 5.6 mm \pm 0.5mm |
| OPERATING TEMPERATURE | - 20 , +60 C |
| STORAGE TEMPERATURE | - 20 , +80 C |
| TENSION VOLTAGE | 10 N |
| PLUG CABLE TENSION FORCE | 90 N |
| PLUG CONTRACT MATERIAL PLUG CONTRACT MATERIAL | 2.54 μ m (100 μ -inch) Nickel over 1.27 μ m (50 μ -inch) gold plated |
| DURABILITY | 750 times |
| BENDING RADIUS (Short Term) | 8 x Cable Diameter (mm) |
| BENDING RADIUS (Long Term) | 4 x Cable Diameter (mm) |
| FLAME TEST | IEC 60332-1 |
| CONDUCTOR TEST | UL 444 |

Electrical Properties

| ELECTRICAL CONDUCTION PROPERTIES | |
|--|-------------------------------|
| INSULATION RESISTANCE | 500 MegaOhm-Km min. @ 500 Vdc |
| DC RESISTANCE | 95 Ohm/km |
| RESISTANCE UNBALANCE | 2% Max. |
| VOLTAGE | 72 Vdc max |
| DIELECTRIC RESISTANCE | 1000 Volts AC / 1 Min |
| CURRENT | 1.5 A MAX. |
| SIGNAL TRANSMISSION TIME (Prob. Delay) | 2.5 nS Max @ 1-250 MHz |
| SIGNAL DELAY BETWEEN PERLERS (ScREW Delay) | 1.25 nS Max @ 1-250 MHz |