

CATEGORY 6 U/UTP 28 AWG PATCH CORD SLIM



Product Overview

AGER CAT6 U/UTP Patch Cord products feature standard LSOH jackets and comply with ANSI/TIA/568-2-D and ISO/IEC-11801 (2nd edition) standards. They are available in different colours and custom lengths. Slim-type thin patch cord products provide ease of use in patch panel cabling applications. They are ANSI/TIA/568-2-E and ISO/IEC-11801 (2nd edition) approved.

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
- ISALAN
- ITU V.21 and X.11
- UL94 V-0

Product Shipment Information

PRODUCT SHIPMENT INFORMATION	
Product Code	Product Description
ACPC6-800-LA15-GR	4x2x28# U/UTP CAT 6 LSOH Patch Cord Grey 0,15 mt
ACPC6-800-LA25-GR	4x2x28# U/UTP CAT 6 LSOH Patch Cord Grey 0,25 mt
ACPC6-800-LA15-BL	4x2x28# U/UTP CAT 6 LSOH Patch Cord Blue 0,15 mt
ACPC6-800-LA25-BL	4x2x28# U/UTP CAT 6 LSOH Patch Cord Blue 0,25 mt
ACPC6-800-LA15-YL	4x2x28# U/UTP CAT 6 LSOH Patch Cord Yellow 0,15 mt
ACPC6-800-LA25-YL	4x2x28# U/UTP CAT 6 LSOH Patch Cord Yellow 0,25 mt
ACPC6-800-LA15-RD	4x2x28# U/UTP CAT 6 LSOH Patch Cord Red 0,15 mt
ACPC6-800-LA25-RD	4x2x28# U/UTP CAT 6 LSOH Patch Cord Red 0,25 mt

(The product is available in Grey, Blue, Red, and Yellow.)

Mechanical and Physical Specifications

MECHANICAL AND PHYSICAL SPECIFICATIONS	
CONDUCTOR	28 AWG cross-section Flexible multi-strand copper 7 x 0.12 mm
CONDUCTOR WIRE COLOURS	Blue x Blue-White, Orange x -WhiteOrange-White, Green x Green-White, Brown x Brown-White
CONDUCTOR WIRE INSULATION	Polyolefin
NUMBER OF WIRES	8 WIRES, 4 PAIRS (twisted)
TAPE COVERING	-
FOIL	-

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OUTER SHEATH	LSOH (LSZH) Low Smoke Halogen Free
OUTER SHEATH COLOUR	Grey RAL 7035 (Other colours available upon request.)
EARTHING	-
BETWEEN PERFORATIONS	-
CABLE MARKING INFORMATION	Brand, Product Code, Cable Type, Relevant Standard, Length, Batch Number
CABLE DIAMETER	3.8 mm $\pm$ 0.2 mm
OPERATING TEMPERATURE	-20 °C to +60 °C
STORAGE TEMPERATURE	-20 °C to +80 °C
TENSILE STRENGTH	10 N
PLUG CABLE TENSILE STRENGTH	90 N
PLUG CONTACT MATERIAL	2.54 μ m (100 μ -inch) Nickel over 1.27 μ m (50 μ -inch) gold plating
DURABILITY	750 times

Electrical Properties

ELECTRICAL PROPERTIES	
INSULATION RESISTANCE	500 MegaOhm•Km min. @ 500 Vdc
DC RESISTANCE	95 Ohm/km
RESISTANCE UNBALANCE	%2 Maks.
VOLTAGE	72 Vdc max
DIELECTRIC STRENGTH	1000 Volts AC / 1 Sec.
CURRENT	1.5 A MAX.
SIGNAL TRANSMISSION TIME (Prob. Delay)	2.5 nS Maks @ 1-250 MHz
INTER-PERL SIGNAL DELAY (Scew Delay)	1.25 nS Maks @ 1-250 MHz

