



### PRODUCT DESCRIPTION

- Hyperline Category 6 Unshielded Ethernet cable consists of an RJ45 male on one end and an RJ45 male on the other. It is typically used for Ethernet network connections such as patch panels, switches and computers to routers. Available in multiple colors and lengths to satisfy multiple installation requirements.

### SPECIFICATIONS

- Complies with ANSI / TIA / EIA-568.C2, ISO / IEC 11801
- Meets NEC / UL: CM, UL 444, UL 1863
- Test of Fire Resistance: IEC 60332-1, UL 1581 VW-1

### TECHNICAL SPECIFICATIONS

#### Cable

- Conductor: 7 copper conductors Ø0,20 mm 24 AWG
- Insulation: HDPE
- Diameter conductor insulation:  $0,98 \pm 0,05$  mm
- Number of pairs: 4
- Color of twisted pairs: blue-white / blue, orange and white / orange green-white / green, brown and white / brown
- Sheath: PVC mm Ø6,2 ± 0,2

#### Connectors

- The RJ-45 (8P8C) Category 6 patch cable, 2 pcs. Knives contact: copper alloy with gold plating - 50µ "(1.27 mm) Material of cast copings - polyvinyl chloride (PVC)



## PERFORMANCE

- Storage temperature:  $-10^{\circ}\text{C} - +60^{\circ}\text{C}$ ,
- Relative humidity:  $\leq 93\%$  of the
- Number of connections \*:  $\geq 750$  cycles
- Tensile strength (cable / connector):  $\geq 89\text{ N}$

## ELECTRICAL SPECIFICATIONS

- The maximum current ( $20^{\circ}\text{C}$ ): 1.5
- A maximum allowable voltage: 150 V
- Dielectric strength: 1000 V / 1 min.
- Insulation resistance:  $\geq 500\text{ M}\Omega$
- Contact resistance:  $\leq 20\text{ milliohm}$

## ORDERING

PC-LPM-UTP-RJ45-C6-YYY-XX	Unshielded Patch Cord UTP, PVC, Category 6
XX = WH, BL, GY, OR, GN, VT, BK, YL or RD (Colour)	
YYY = 1,2, 3, 4, 5, 7, 10, 15 OR 25 FT (Special order for 50, 75, 100 or 200 FT)	



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