



## PRODUCT DESCRIPTION

- Hyperline brings Category 6A unshielded UTP patch cords performance to a new level. Category 6A CM rated patch cords are ideal for voice, data, video and security communication mediums for all your network installation requirements. Manufactured to the highest quality standards and approved by 3rd party organizations such as ETL, They protect critical data from EMI (electromagnetic interference) and RFI (radio frequency interference).

## APPLICATIONS

- Transmission of digital and analogue for data, video and audio applications.
- CDDI / ATM / Token Ring
- IEEE 802.3af (PoE) / IEEE 802.3at (PoE+)

## PERFORMANCE COMPLIANCE

- 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
- ANSI / TIA / EIA-568B: direct T568B

## MATERIALS

Diameter of insulated conductor	1.0 ± 0.05 mm
Conductor	7 copper wires Ø0.16 mm (0.008), 26 AWG
Shield	Aluminum foil
Jacket	PVC Ø6.2 ± 0.2 mm (0.26 ± 0.008)
Drain wire	7h0,16 mm electrolytic copper
Screening	Aluminized polyester foil
Screen Shield	Tinned copper braid

## FEATURES

- High performance rate of transmission
- High quality of safety property
- Sweep frequency up to 500 MHz
- Meets/exceeds ANSI/TIA-568-C.2 specification
- 2 pcs. 8P8C, Unshielded Knives contact: copper alloy with gold plating - 50µ "(1,27 mm) Material

Available in ten different jacket colors



## ELECTRICAL SPECIFICATIONS

The maximum current	1.5 A
Maximum allowable voltage	7 copper wires Ø0.18 mm (0.008), 24 AWG
Dielectric strength	1000 V / 1 min.
Insulation resistance	≥ 500 M Om
Contact resistance	≤20 milliohm
Storage temperature	-10 ° C - + 60 ° C
Relative humidity	≤ 93% of the number of connections *: ≥ 1000 cycles
Number of connections	*: ≥ 1000 cycles
Tensile strength (cable / connector):	≥ 89 N

## ORDERING

Part Number	Product Description
Available lengths	YYY = 1,2, 3, 4, 5, 7, 10, 15 and 25 Feet
PC-LPM-UTP-RJ45-C6A-YYY-WH	Category 6A RJ45, 8P8C, Unshielded Patch Cord, White
PC-LPM-UTP-RJ45-C6A-YYY-BL	Category 6A RJ45, 8P8C Unshielded Patch Cord, Blue
PC-LPM-UTP-RJ45-C6A-YYY-GY	Category 6A RJ45, 8P8C Unshielded Patch Cord, Grey
PC-LPM-UTP-RJ45-C6A-YYY-OR	Category 6A RJ45, 8P8C Unshielded Patch Cord, Orange
PC-LPM-UTP-RJ45-C6A-YYY-GN	Category 6A RJ45, 8P8C Unshielded Patch Cord, Green
PC-LPM-UTP-RJ45-C6A-YYY-VT	Category 6A RJ45, 8P8C Unshielded Patch Cord, Violet
PC-LPM-UTP-RJ45-C6A-YYY-BK	Category 6A RJ45, 8P8C Unshielded Patch Cord, Black
PC-LPM-UTP-RJ45-C6A-YYY-YL	Category 6A RJ45, 8P8C Unshielded Patch Cord, Yellow
PC-LPM-UTP-RJ45-C6A-YYY-RD	Category 6A RJ45, 8P8C Unshielded Patch Cord, Red
PC-LPM-UTP-RJ45-C6A-YYY-PK	Category 6A RJ45, 8P8C Unshielded Patch Cord, Pink



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