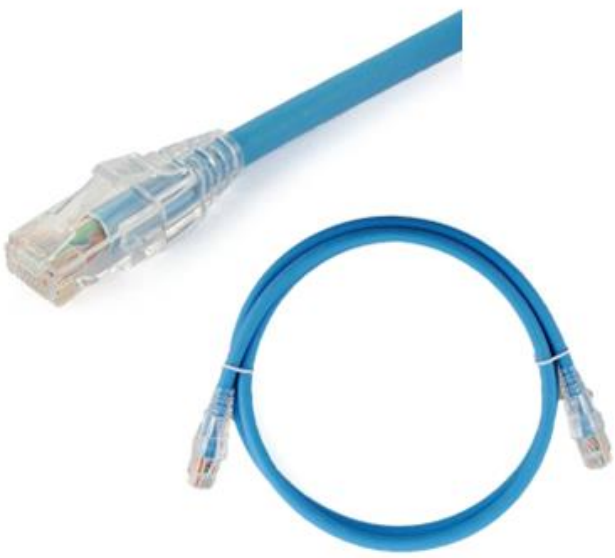
CCPC6AUyyz | Category 6A Patch Cord 24 AWG U/UTP LSZH



*Images are for representative purposes only

Product Description:

CTS Category 6A U/UTP LSZH Patch Cords are engineered to provide superior performance and reliability for high-speed data transmission. It supports frequencies up to 500 MHz, making it suitable for 10 Gigabit Ethernet and other high-bandwidth applications.

Applications:

10 Gigabit Ethernet (10GBASE-T)
Voice and data communication
Broadband video
PoE applications, including PoE+ and PoE++

Standards:

ANSI/TIA-568.2-D
ISO/IEC 11801-1 CATEGORY 6A

Features & Benefits:

Backward compatible with lower category cables
Reduced crosstalk and electromagnetic interference
Light weight and flexible
Strain relief to minimize stress on cables

Material Specification:

Cable type	U/UTP (Unshielded Twisted Pair)
Conductor Size	24 AWG (7/0.20)
Conductor type	Stranded Bare Copper
Material Housing	Clear Polycarbonate
Contact Plating	Phosphor Bronze 50µ Gold
Insulation	HDPE
Jacket	Low Smoke Zero Halogen (LSZH)
Plug Life	≥ 2500 times
Jacket Thickness	0.55 ± 0.05 mm
External Diameter	6.1 ± 0.4 mm

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Electrical Specification:

Current Rating	1.5 A
Insulation Resistance	≥ 500 MΩ
Contact Resistance	≤ 20 mΩ
DC resistance	≤ 100 mΩ
DC Volt Endurance	DC1000V

Environmental Specification:

Operating Temperature	-20 to 60 °C
Storage Temperature	-40 to 70 °C
Operating Humidity	10% to 90% RH

Ordering Information:

CCPC6AUGY1	CTS Category 6A Unshielded Patch Cord 24 AWG LSZH 1M Grey
CCPC6AUGY2	CTS Category 6A Unshielded Patch Cord 24 AWG LSZH 2M Grey
CCPC6AUGY3	CTS Category 6A Unshielded Patch Cord 24 AWG LSZH 3M Grey
CCPC6AUGY5	CTS Category 6A Unshielded Patch Cord 24 AWG LSZH 5M Grey
CCPC6AUGY10	CTS Category 6A Unshielded Patch Cord 24 AWG LSZH 10M Grey

Colour options - Replace (GY) in the part number with:
BK = Black, BU = Blue, GR = Green, OR = Orange, RD = Red, VT = Violet, WH = White, YL = Yellow
Length options – please check with CTS product team