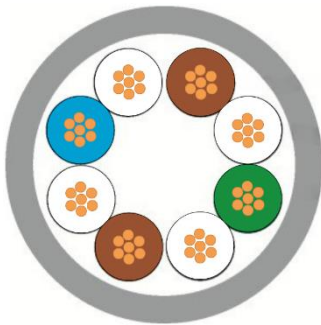


CCPC6U28yyz | Category 6 Patch Cord

28 AWG U/UTP LSZH



*Images are for representative purposes only

Product Description:

CTS Category 6 Slim 28 AWG Patch Cords are high-performance, ultra-thin Ethernet cable designed for space constrained environments. It delivers Gigabit Ethernet speeds while maintaining a flexible, lightweight, and tangle-free design, making it ideal for high-density network racks and data centers.

Applications:

High Density Networks
AV and Broadcast Applications
Smart Building and IoT Networks
PoE (Power over Ethernet) applications

Standards:

ANSI/TIA-568.2-D
ISO/IEC 11801-1
EN 50173
IEC 61935-2
IEC60603-7

Features & Benefits:

Compact Design
Enhanced Flexibility
High Performance Connectivity
PoE Support

Material Specification:

Cable type	U/UTP (Unshielded Twisted Pair)
Conductor Size	28 AWG (7 / 0.12 ± 0.005 mm)
Conductor type	Stranded Bare Copper
Material Housing	Clear Polycarbonate
Contact Plating	Phosphor Bronze 50µ Gold
Insulation	HDPE
Insulation Diameter	0.63 ± 0.03 mm
Jacket	Low Smoke Zero Halogen (LSZH)
Jacket Thickness	0.5 mm (Average)
Diameter	3.8 ± 0.2 mm
Durability	≥ 750 Mating Cycles

Version 01-03



CCPC6U28yyz | Category 6 Patch Cord

28 AWG U/UTP LSZH



Electrical Specification:

Current Rating	1.5 A
Insulation Resistance	$\geq 500 \text{ M}\Omega / \text{km}$
Contact Resistance	$\leq 20 \text{ m}\Omega$
DC resistance	$\leq 100 \text{ m}\Omega$
DC Volt Endurance	1000V DC

Physical Specification:

Insulation Tensile Strength	$\geq 16 \text{ MPa}$
Insulation Elongation Ratio	$\geq 300 \%$
Jacket Tensile Strength	$\geq 10 \text{ MPa}$
Jacket Elongation Ratio	$\geq 125 \%$

Environmental Specification:

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

Ordering Information:

- CCPC6U28GY.25** CTS Category 6 Unshielded Patch Cord 28 AWG LSZH 0.25M Grey
- CCPC6U28GY.5** CTS Category 6 Unshielded Patch Cord 28 AWG LSZH 0.5M Grey
- CCPC6U28GY1** CTS Category 6 Unshielded Patch Cord 28 AWG LSZH 1M Grey
- CCPC6U28GY2** CTS Category 6 Unshielded Patch Cord 28 AWG LSZH 2M Grey
- CCPC6U28GY3** CTS Category 6 Unshielded Patch Cord 28 AWG LSZH 3M 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

