

Binary CAT6 Cable

CAT6

23AWG

U/UTP

LSZH

CPR-DCA

550MHZ

SOLID COPPER



Key Features:

- Bandwidth tested up to 550 MHz
 - Suitable for 1 Gigabit and 5 Gigabit Ethernet

- In compliance with ANSI/TIA -568.2D
 - Supports Power over Ethernet: PoE/PoE+/PoE++ (IEEE 802.3af/at/bt) 4PPoE up to 90W

- Easily identified color striped pairs
 - Sequential footage markings every 1 meter
 - RoHS3- Compliant

Product Specifications: (Technical Data)

Category	6
Separator material	Polyethylene 4.3*4.3*0.45 mm
Cable Type	U/UTP (unshielded)
Filler	Nylon
Pairs quantity	4 Pairs

Conductor:

Conductor Type	Solid Copper
Conductor Size	23 AWG 1/0.56+/-0.01mm

Jacket	LSZH
Jacket OD	6.0 ± 0.30

Print Legend

BINARY LAN CABLE CAT6 UTP CU 23AWG/ 4PRS

LSZH VERIFIED TO TIA/EIA-568-C.2 & ISO/IEC 11801 XXXM DCA-S2 d2 a2 MADE IN CHINA

Insulation:

Insulation Material	HDPE
Insulation Avg.Thickness	0.23 mm
Insulation Min.Thickness	0.21 mm
Insulation Diameter	1.02/1.0 ± 0.03 m

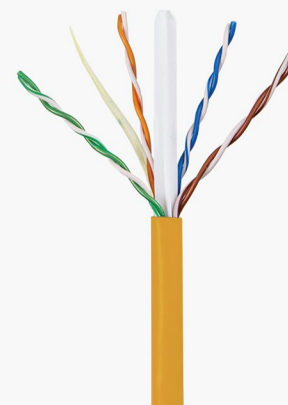
Insulation Color:

P1:Blue White/Blue

P2:Orange White/Orange

P3:Green White/Green

P4:Brown White/Brown



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Electrical Characteristics:

Conductor resistance:

≤9.38Ω/100M at 20°C

Dielectric Test:

1000V DC/1min;No Breakdown

Frequency:

550Mhz

Test:

Pass Fluke Test

Insulation Resistance:

Min.5000mega ohms-km at 20°C

Delay skew:

≤45ns

Impedance:

100Ω±15

Propagation Speed:

NVP %69

Mechanical & Environmental Operating Parameters:

Insulation elongation at break:

≥%300

Jacket elongation at break:

≥%100

Flame retardant rating:

CPR DCA-S2 D2 A2

Voltage Rating:

30V

Insulation tensile strength:

≥16 Mpa

Jacket Tensile Strength:

10.0 Mpa

Rating Temperature:

- 20 ~75 °C