

Overview

Bandwidth: 250MHz
OD:6.0mm
Conductor: 24AWG
Approvals: RoHS
Connector: Gold plated RJ45 connector

Physical Characteristics

- Cable Type – Cat6 UTP
- Connector Type(s) – RJ45
- Wiring Scheme – T568B
- Temperature Rating
 - Installation: 0°C~50°C
 - Operation: -20°C~60°C
- Voltage Rating – 30V

Conductor (Qty. 4 twisted pair)

- Conductor Type – 24AWG(7/0.192±0.008MM), Stranded BC
- Insulation – HDPE
- Diameter – 0.97±0.05mm
- Pair Identification:
 - Pair1=Orange, White/Orange
 - Pair2=Blue, White/Blue
 - Pair3=Green, White/Green
 - Pair4=Brown, White/Brown

Connector Type (Qty. 2)

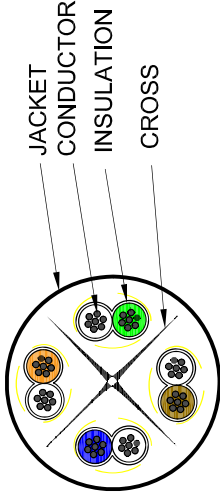
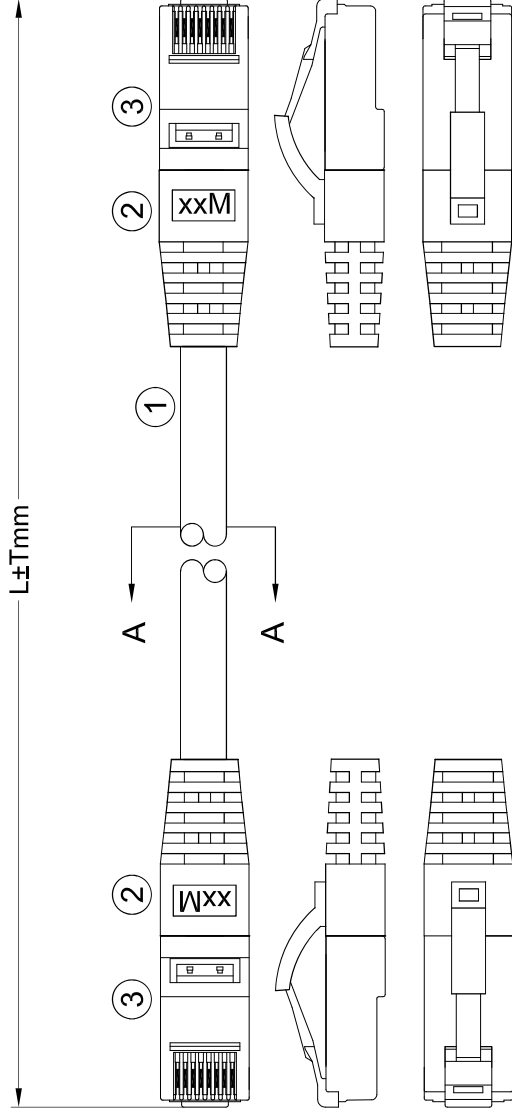
- Connector Type – 8P8C (RJ45)
- Gender – Male
- Connector Material – PC
- Contact Material – Copper Alloy, Gold Plating
- Hood Material – Molded PVC

Overall Cable

- Jacket – LSZH
- Minimum Average Thickness – 0.60mm
- Outer Diameter – 6.0 ± 0.20mm

Electrical Characteristics

- Conductor DC Resistance – 11.25Ω/100m (maximum)
- Impedance – 100Ω
- Capacitance – 5600pf/100m
- Propagation Delay – 545ns/100m (maximum)
- Delay Skew – 45ns/100m (maximum)
- Pass Fluke DSX 8000 Channel link Test



SEC:A-A

TOLERANCE:

LINEAT:

X. =±1

.X =±0.5

.XX=±0.05

FILLET:

R2=RAD.2mm

R5=RAD.5mm

XR=MAX RAD.

ANGULAR:

X.° =±1°

.X° =±0°30'

CHAMFER:

C0.5=CHAM0.5mm

C1=CHAM1mm

TOLERANCE GENERALES

LENGTH(M)	0<L<1	1≤L<2	2≤L<5	5≤L<10	L≥10
TOLERANCE	+35/-15mm	+35/-20mm	+35/-30mm	±50mm	±80mm
ITEM NO:	CAT.6 U/UTP 24AWG Patch Cable				
DATE	20251009				

P1	P2	T568B
1	Orange	1 White/Orange
2	Orange	2 Orange
3	Green	3 White/Green
4	Blue	4 Blue
5	White/Blue	5 White/Blue
6	Green	6 Green
7	White/Brown	7 White/Brown
8	Brown	8 Brown

3 RJ45 PLUG: 8P8C GOLD PLATED TWO-PIECE PLUG.

2 MOLDED: PVC MOLDED BOOT .

1 CABLE: CAT6 UTP 4P/24AWG(7*0.192±0.008BC) OD=Ø6.0±0.20MM LSZH JACKET.

NO. SPECIFICATION

BOM LIST