

Product

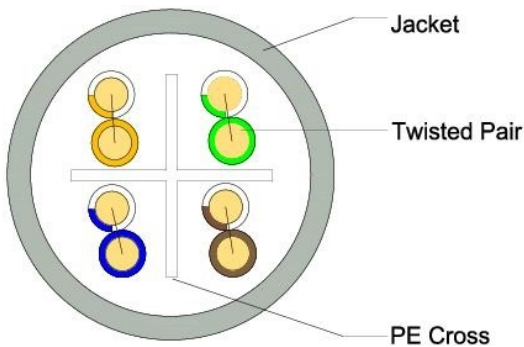
CAT6A UTP 24AWG 4PAIR LSZH

STANDARDS

ANSI/TIA-568-C.2
EN 50575

APPLICATIONS

Connection between computer network card and module, connection between distribution frame and wiring, connection between distribution frame and HUB or switch



CONSTRUCTION

Conductor Material	Stranded Bare Copper	
Conductor Number	8C (4 pairs)	
Construction (±0.01mm)	7/0.18	
Separator	PE Cross	
Rip Cord	No	
Insulation	Material	PE
	Nom. Thickness (mm)	0.17
	Diameter (±0.05mm)	0.88
Jacket	Material	LSZH
	Nom. Thickness (mm)	0.70
	Diameter (±0.30mm)	5.9

CERTIFICATION



COLOR CODES

INSULATION COLOR

- P1: White / Blue & Blue
- P2: White / Orange & Orange
- P3: White / Green & Green
- P4: White / Brown & Brown

JACKET COLOR

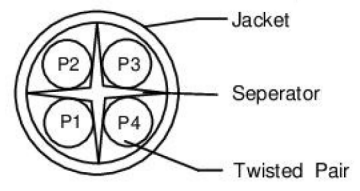
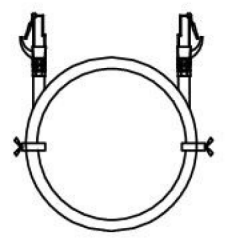
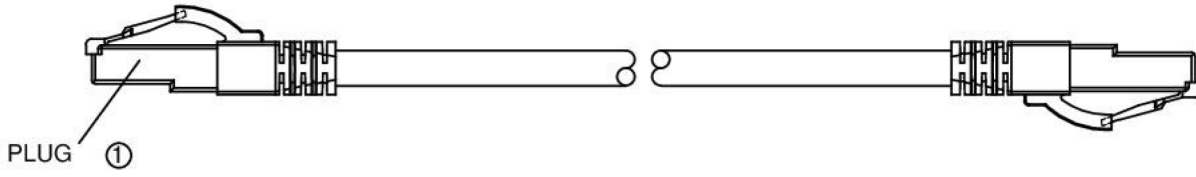
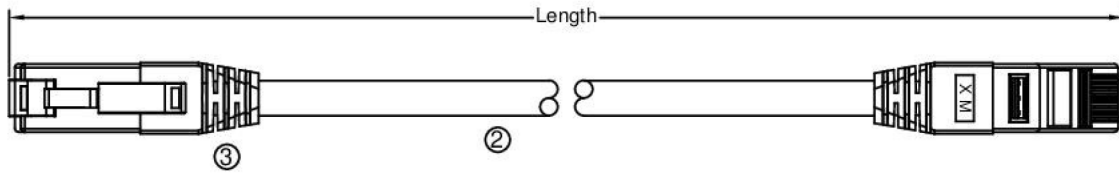
Option

TEST REQUIREMENTS

FLUKE CHANNEL TEST

ELECTRICAL PERFORMANCE

Max. Conductor DC Resistance (Ω/km)	110	
Min. Insulation Resistance (MΩ-KM)	5000	
Dielectric Strength	DC-1KV/1 Min	
1.0-500MHZ Delay Skew (ns/100m)	≤45	
Resistance Unbalance (%)	≤4	
Max Mutual Capacitance (nF/100m)	≥5.6	
Before Aging	Tensile Strength (Mpa)	≥9
	Elongation (%)	≥100%
After Aging 100°C*24h*7d	Tensile Strength	≥75%
	Elongation (%)	0.50
Velocity of Propagation NVP	69%	



P1 Blue&white/blue
 P2 Orange&white/orange
 P3 Green&white/green
 P4 Brown&white/brown

Pin Assignment:

Pos. No.	T568B WIRING 568B	Pos. No.
1	Orange	1
2	White/Orange	2
3	Green	3
6	White/Green	6
4	White/Blue	4
5	Blue	5
7	Brown	7
8	White/Brown	8

Product Description:

- ⚠ Fluke test up to 500Mhz for the whole cable.
TEST LIMIT: ISO 11801 Channel Class Ea
- ⚠ RoHS compliant PVC or PE or LSZH Jacket
- ⚠ Installation temperature -20°C +75°C; Minimum bending Radius:8D

③	OVERMODE		48P PVC
②	CABLE	1 PCS	CAT 6A UTP 24AWG(7/0.18)*4P Stranded Cable Jacket, OD:5.9±0.2mm. LSZH
①	RJ45 PLUG	2 PCS	RJ-45 8P8C Contact: Phosphor Bronze 3u ".UL94V-2 Plug Transparent Blue
NO.	ITEM	QTY	DESCRIPTION