

Product

CAT6 S/FTP 26AWG 4PAIR LSZH

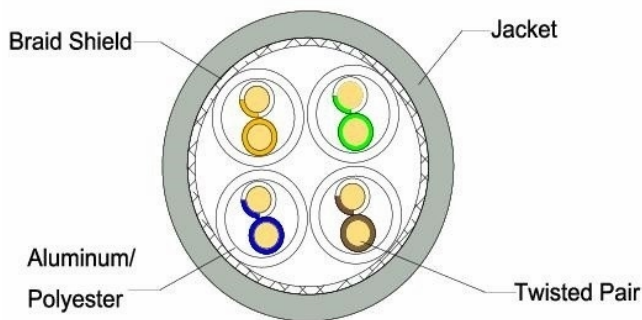
STANDARDS

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)
Cable AWG		26
Construction (±0.01mm)		7/0.16
Shield Overlap		Aluminium/polyester ≥25%
Braid Shield 16/5/0.12 Coverage		Aluminum Magnesium Alloy wire ≥40%
Insulation	Material	SKIN-FOAM-SKIN
	Nom. Thickness (mm)	0.26
	Diameter (±0.05mm)	1.02
Jacket	Material	LSZH
	Nom. Thickness (mm)	0.50
	Diameter (±0.30mm)	6.2

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

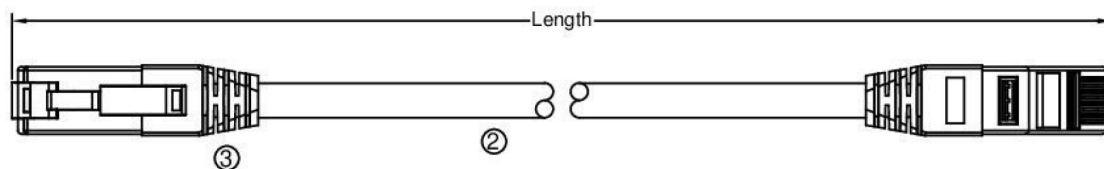
FLUKE CHANNEL TEST

ELECTRICAL PERFORMANCE

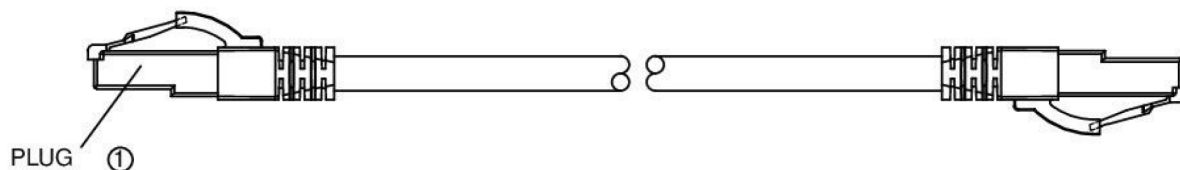
Max. Conductor DC Resistance (Ω/km)		148
Min. Insulation Resistance (MΩ·KM)		5000
Dielectric Strength		DC-1KV/1 Min
1.0-250MHZ Characteristic Impedance (ohms)		100±15
1.0-500MHZ Delay Skew (ns/100m)		≤45
Pair to Ground Capacitance Unbalance (Pf/100m)		≤330
Resistance Unbalance (%)		≤4
Max Mutual Capacitance (nF/100m)		5.6
Before Aging	Tensile Strength (Mpa)	≥9
	Elongation (%)	≥100
After Aging 100°C*24h*7d	Tensile Strength	≥75%
	Elongation (%)	≥50
Velocity of Propagation NVP		78%

A B C D E F G

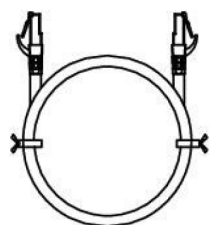
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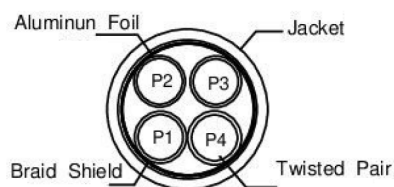
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3



4



5

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

6

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℃~+75℃;Minimum bending Radius:8D

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A B C D E F G

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

1

2

3

4

5

6

7

④			
③	OVERMODE		48P PVC
②	CABLE	1 PCS	CAT 6 S/FTP 26AWG(7/0.16)*4P Stranded Cable Jacket, OD:6.2±0.2mm. AL-MG Braid ≥ 40% LSZH
①	RJ45 PLUG	2 PCS	Plug Shielded Transparent Red 03U
NO	ITEM	QTY	DESCRIPTION