

24AWGX4P FTP CAT5E

Part NO: FTP-CAT5E-LSZH

Product Description

Application:

Horizontal Wiring in LAN CABLE

Reference Standard

ISO/IEC 11801

TIA/EIA568B

Multi-construction

4 Pairs (8 Cores)

Cable Construction

Conductor **Solid Bare Copper**

AWG 24

Conductor Dia. 0.51±0.005mm

Insulation **Solid PE**

Thickness AVG: 0.26mm, MIN: 0.24mm

Insulation Dia. 1.04±0.02mm

Each Pair is twisted ,Unshielded

Polyester **thick:0.025mm,extent:20mm**

Filler **NO**

AL/Pet **thick:0.065mm,extent:20mm**

Drain Wire **0.45TC**

Rip Cord **Yes**

Jacket **LSZH**

Thickness AVG: 0.52mm, MIN: 0.46mm

Outer Dia. 6.1±0.30mm

Jacket Color /

Color

Insulation color are:

Blue, White/Blue

Orange, White/Orange

Green, White/Green

Brown, White/Brown

Marking

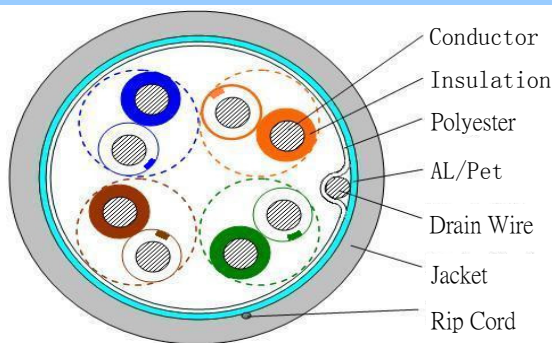
According to customer

Packaging

REMARK

Pass Network analysis test, all ROHS

Design



Performance

Frequency (MHz)	RL (dB)	Attenuation (dB/100m)	NEXT (dB)	ACR (dB)
	min.	max		
1	17.0	2.03	62.30	60.30
4	18.8	4.04	53.26	49.20
8	19.7	5.76	48.75	43.00
10	20.0	6.46	47.30	40.80
16	20.0	8.24	44.30	36.10
20	20.0	9.26	42.78	33.50
25	19.3	10.41	41.33	30.90
31.25	18.6	11.72	39.87	28.20
62.5	16.5	16.99	35.36	18.40
100	15.1	21.97	32.29	10.30

Frequency (MHz)	ELFEXT (dB)	PSNEXT (dB)	PSELFEXT (dB/100m)	Impedance (Ohm)
1	60.75	62.30	60.75	100±15
4	48.71	53.26	48.71	
8	42.69	48.75	42.69	
10	40.75	47.30	40.75	
16	36.67	44.30	36.67	
20	34.73	42.78	34.73	
25	32.79	41.33	32.79	
31.25	30.86	39.87	30.86	
62.5	24.83	35.36	24.83	
100	20.75	32.29	20.75	

Characteristics

Max.Conductor DC Resistance at 20°C (Ω /Km)	<93.8
Rated Temperature(°C)	75
Rated Voltage(V)	300V
Velocity ratio	65%

Prepared by:	Date: 2011-09-16
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