

FTP Cat 6 LSZH(250MHz)

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Revision History

Part NO: 842-7321, 842-7330	Price NO:
Prepared by:GJQ	Date: 2014/9/15
Approved by:	Page: 1 of 1

Product Code: FTP Cat 6 LSZH(250MHz)

Product Description

Application:

1000 Mbits/s Networks;
Assembled for patch cord;

Reference Standard

IEC61156-6; TIA 568-C.2;
EN50288; ISO/IEC 11801:2011

Multi-construction

4 Pair

Cable Construction

1.Conductor	Bare Copper
Construction	0.55±0.01
2.Insulation	Solid PE
Insulation Dia.(±0.10mm)	1.08×2C Twist
Each Pair is Twisted ,Unshielded.	
3.Filler	Cross Member
4.Total Mylar Spiral	>=125%
5.Drain wire	Tinned Copper
Construction (mm)	T0.40±0.01
6.Al-Pet Shielded	>=125%
7.Jacket	LSZH
Dia.(±0.30mm)	7.20
Jacket Color	According to customer
Color	
Insulation color are:	
Blue, White/Blue	Orange,White/Orange
Green, White/Green	Brown, White/Brown

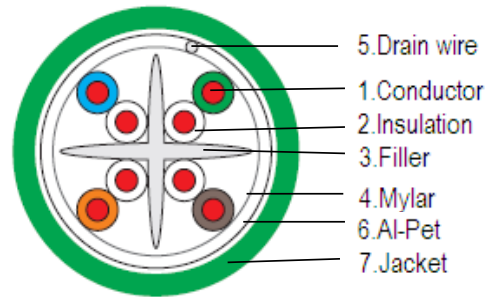
Marking

According to customer

Packaging

100m/Coil
500m/Durm

Design



Electrical Characteristics

Performance				
Frequency (MHz)	Attenuation (dB)	NEXT (dB)	RL (dB)	Return Loss (dB)
1.00	2.10	75.30	72.30	20.00
4.00	3.80	66.30	63.30	23.00
10.00	6.00	60.30	57.30	25.00
16.00	7.60	57.20	54.20	25.00
31.25	10.70	52.90	49.90	23.60
62.50	15.50	48.40	45.40	21.50
100.00	19.90	45.30	42.30	20.10
250.00	33.00	39.30	36.30	17.30
Frequency (MHz)	ELFEXT (dB)	PSELFEXT (dB)		
1.00	68.00	65.00		
4.00	56.00	53.00		
10.00	48.00	45.00		
16.00	43.90	40.90		
31.25	38.10	35.10		
62.50	32.10	29.10		
100.00	28.00	25.00		
250.00	20.00	17.00		
Max.Conductor DC Resistance at 20°C (Ω/Km)				<88.30
Rated Temperature(°C)				60
Velocity ratio				70%
Impedance(Ω)		1-100MHz	100±15	
		100-250MHz	100±20	
Fire Performance: IEC60332-1				
Smoke Density: IEC61034				
Halogen Free: IEC60754				