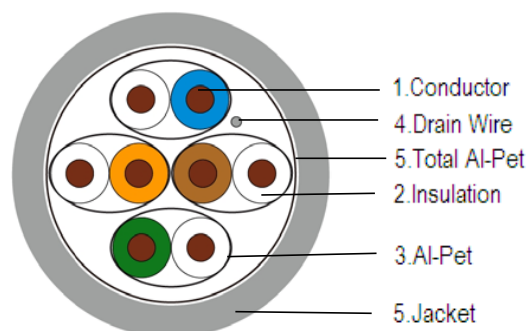


F-FTP Cat 6A LSZH

Revision History	
Part No:842-7346, 842-7349	Price NO:
Prepared by:GJQ	Date: 2014/9/15
Approved by:	Page: 1 of 1
Product Code: F-FTP Cat 6A LSZH	
Product Description	
Application: 10GMbps/s Networks;VOIP; IP Camera; IP TV;	
Reference Standard	
ISO/IEC 11801: 2011; IEC61156-5:2009; EN50173; EN50288; ANSI/TIA 568-C.2:2009	
Multi-construction	
4 Pair	
Cable Construction	
1.Conductor	Bare Copper
Construction	0.56±0.01
2.Insulation	Skin-Foam-Skin
Insulation Dia.(mm)	1.32±0.15×2C Twist
Each Pair is Twisted ,Unshielded.	
3.Al-Pet shield(on each pair,Al-side out)	≥115%
4.Drain Wire	Tinned copper
Construction	T0.4±0.01
5.Total Al-Pet shield	≥115%
6.Jacket	LSZH
Dia.(±0.30mm)	7.40
Jacket Color	According to customer
Color	
Insulation color are:	
Blue, White	Orange,White
Green, White	Brown, White
Marking	
According to customer	
Packaging	
100m/Coil	
500m/Durm	

Design



Electrical Characteristics

Performance				
Frequency (MHz)	Attenuation (dB/100m)	Next (dB)	PS NEXT (dB)	RL (dB)
1.00	2.10	75.30	72.30	20.00
4.00	3.80	66.30	63.30	23.00
10.00	5.90	60.30	57.30	25.00
16.00	7.50	57.20	54.20	25.00
31.25	10.50	52.90	49.90	23.60
62.50	15.00	48.40	45.40	21.50
100.00	19.10	45.30	42.30	20.10
250.00	31.10	39.30	36.30	17.30
500.00	45.30	34.80	31.80	17.30
Frequency (MHz)	ELFEXT (dB)	PEELFEXT (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		
500.00	14.00	11.00		
Max.Conductor DC Resistance at 20°C (Ω/Km)				<85.6
Rated Temperature(°C)				60
Velocity ratio				70%
Impedance(Ω)				1-100MHz 100±15 100-250MHz 100±20 250-500MHz 100±25
Fire Performance: IEC60332-1				
Smoke Density: IEC61034				
Halogen Free: IEC60754				