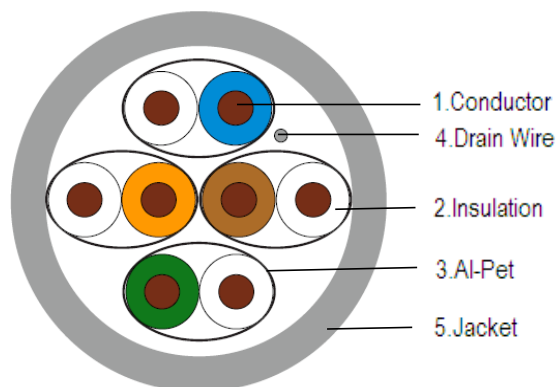


U-FTP Cat 6A LSZH (500 MHz)

Revision History	
Part No:842-7333, 842-7337	Price NO:
Prepared by:GJQ	Date: 2014/9/15
Approved by:	Page: 1 of 1
Product Code: U-FTP Cat 6A LSZH (500 MHz)	
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.AI-Pet shield(on each pair,AI-side out)	≥115%
4.Drain Wire	Tinned copper
Construction	T0.4±0.01
5.Jacket	LSZH
Dia.(mm)	7.2±0.30
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				