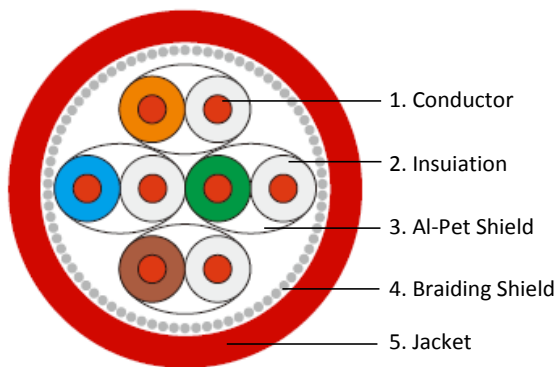


## S-FTP Cat 7 LSZH

Revision History	
Part No:842-7343, 842-7352	Price NO:
Prepared by:GJQ	Date: 2014/9/15
Approved by:	Page: 1 of 1
Product Description	
Application:	
10 Gigabits/s Networks; Analog and Digital TV; VOIP; IP Camera; IP TV VOIP; IP Camera; IP TV	
Reference Standard	
ISO/IEC 11801: 2011; IEC61156-5:2009; EN50173; EN50288-6-1:2013	
Multi-construction	
4 Pair	
Cable Construction	
1. Conductor	Bare Copper
Conductor Dia.	0.57±0.01
2. Insulation	Skin-Foam PE-Skin
Insulation Dia.(+/-0.15mm)	1.34
3. Al-Pet Shield (on each pair)	≥115%
4. Braiding Shield	Tinned Copper Claded Aluminium
Construction (mm)	TCCA0.12±0.01×8×6
Coverage	25%
5. Jacket	LSZH
Dia.(+/-0.30mm)	7.60
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)	PSNEXT (dB)	ELFEXT (dB)
1.00	2.10	78.00	75.00	78.00
4.00	3.74	78.00	75.00	78.00
10.00	5.86	78.00	75.00	78.00
16.00	7.41	78.00	75.00	71.22
31.25	10.41	78.00	75.00	65.40
62.50	14.88	75.46	72.46	59.38
100.00	19.02	72.40	69.40	55.30
250.00	30.97	66.43	63.43	47.34
500.00	45.26	61.92	58.92	41.32
600.00	50.10	60.73	57.73	39.74
Frequency (MHz)	PSELFEXT (dB)	Return loss (dB)		
1.00	75.00	20.00		
4.00	75.00	23.01		
10.00	75.00	25.00		
16.00	68.22	25.00		
31.25	62.40	23.64		
62.50	56.38	21.54		
100.00	52.30	20.11		
250.00	44.34	17.32		
500.00	38.32	17.30		
600.00	36.74	17.30		
Max.Conductor DC Resistance at 20°C (Ω/Km)				<82.9
Rated Temperature(°C)				60
Velocity ratio				78%
Impedance(Ω)		1-100MHz	100±15	
		100-250MHz	100±20	
		250-600MHz	100±25	
Fire Performance: IEC60332-1				
Smoke Density: IEC61034				
Halogen Free: IEC60754				