

S-FTP Cat 7 LSZH Dual

Revision History

Part No: S-FTP Cat 7 LSZH Dual	Price NO:
Prepared by:GJQ	Date: 2015/1/09
Approved by:	Page: 1 of 1

Product Code: S-FTP Cat 7 LSZH Dual

Product Description

Application:

10 Gigabits/s Networks; Analog and VOIP; IP Camera; IP TV

Reference Standard

ISO/IEC 11801: 2011; IEC61156-5:2009; EN50173; EN50288-6-1:2013

Multi-construction

4 Pair × 2

Cable Construction

1. Conductor	Bare Copper
Conductor Dia.	0.56±0.01
2. Insulation	Skin-Foam PE-Skin
Insulation Dia.(+/-0.10mm)	1,32
3. Al-Pet Shield (on each pair)	≥115%
4. Braiding Shield	Tinned Copper Claded Aluminium
Construction (mm)	TCCA0.12±0.008×8×6
Coverage	25±5%
5. Jacket	LSZH
Dia.(+/-0.30mm)	7.40 × 2
Jacket Color	According to customer
Color	
Insulation color are:	
Blue, White	Orange, White
Green, White	Brown, White

Marking

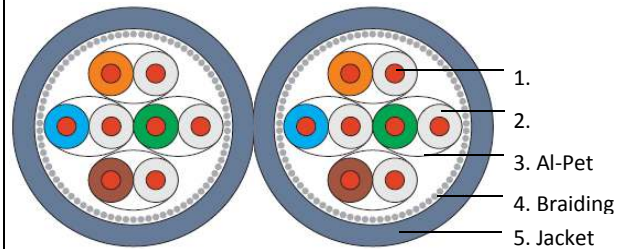
According to customer

Packaging

50M/Coil; 100M/Coil
500M/Reel

Label

Design



Electrical Characteristics

Performance

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB/100m)
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
900,00	63,01	58,09	55,09	36,22
1000,00	66,93	57,40	54,40	35,30

Frequency (MHz)	PSELFEXTI (dB/100m)	Return loss (dB)
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
900,00	33,22	13,43
1000,00	32,30	13,11

Max. Conductor DC Resistance at 20°C (Ω/Km)	<85.6
Rated Temperature(°C)	60
Velocity ratio	78%
Impedance(Ω)	1-100MHz 100±15 100-250MHz 100±20 250-600MHz 100±25 500-1000MHz 100±30

Fire Performance: IEC60332-1

Smoke Density: IEC61034

Halogen Free: IEC60754

