



Datasheet

ENGLISH

S-FTP Cat 7A LSZH

Revision History

Part No:842-7355, 842-7359	Price NO:
Prepared by:GJQ	Date: 2014/9/15
Approved by:	Page: 1 of 1

Product Code: S-FTP Cat 7A LSZH

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.	0.62±0.01
2. Insulation	Skin-Foam PE-Skin
Insulation Dia.(+/-0.15mm)	1.45
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)	8.20
Jacket Color	According to customer
Color	
Insulation color are:	
Blue, White	Orange, White
Green, White	Brown, White

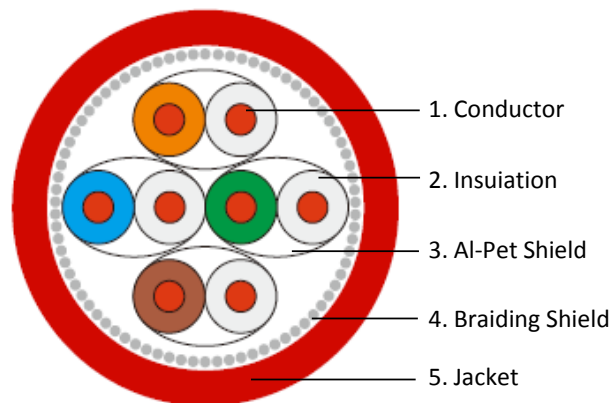
Marking

According to customer

Packaging

100m/Coil
500m/Durm

Design



Electrical Characteristics

Performance

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	Return Loss (dB)
1.00	2.10	78.00	20.00
4.00	3.70	78.00	23.00
10.00	5.80	78.00	25.00
16.00	7.30	78.00	25.00
31.25	10.30	78.00	23.60
62.50	14.60	78.00	21.50
100.00	18.50	75.40	20.10
250.00	29.70	69.40	17.30
500.00	42.80	64.90	17.30
600.00	47.10	63.70	17.30
900.00	58.50	61.10	15.50
1000.00	61.90	60.40	15.10
1200.00	68.40	59.20	14.30

Max.Conductor DC Resistance at 20℃ (Ω/Km)	<71.6
Rated Temperature(℃)	60
Velocity ratio	78%
Impedance(Ω)	100±15
	100-250MHz 100±20
	250-500MHz 100±25
	500-1000MHz 100±30
	1000-1200MHz 100±32

Fire Performance: IEC60332-1

Smoke Density: IEC61034

Halogen Free: IEC60754