



Datasheet

ENGLISH

#2253 - S-FTP Cat 7A LSZH (1200 MHz) 500m reel

Part NO: #2253
Product Code: S-FTP Cat 7A LSZH (1200 MHz)
Product Description

Application:
 Horizontal Wiring in LAN

Reference Standard
 IEC61156-5-2009

Multi-construction
 4 Pair

Cable Construction

Conductor **Solid Bare Copper**
 Construction 0.62±0.01
 Standard Dia.(mm) 0.62
Insulation **Skin-Foam-Skin**
 Average Thickness 0.4
 Insulation Dia.(mm) 1.45±0.1×2C Twist
 Each Pair is Twisted ,Unshielded.

Al-Pet shield(on each pair,Al-side ou **≥115%**

Braiding Shield

Construction 0.12±0.003×8×6

Jacket **LSZH**

Thickness(mm) 0.7

Dia.(mm) 8.2±0.3

Jacket Color Grey

Color

Insulation color are:

Blue, White/Blue

Orange, White/Orange

Green, White/Green

Brown, White/Brown

Marking

Category 7A #2253 S-FTP 22 AWG 4 Pair 70C 1200MHZ LSZH

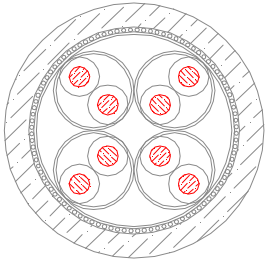
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PACKAGING

500M/Wooden Drum

RoHS GUIDELINE			
We operate according to the following standards			
Control Item	Standard	Testing Method	Testing Equipment
Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
Lead content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls(PBB)	Forbidden	GC/MS	
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MC	

Design



Characteristics

Max.Conductor DC Resistance at 20°C (Ω /Km)	<66.6
Rated Temperature(°C)	70
Velocity ratio	78%
Impedance(Ω)	1-100MHz 100±15
	100-250MHz 100±20
	250-500MHz 100±25
	500-1000MHz 100±30
	1000-1200MHz 100±32

Frequency (MHz)	Attenuation (dB)	NEXT (dB)	PS NEXT (dB)	Return loss (dB)
1.00	2.10	78.00	75.00	20.00
4.00	3.70	78.00	75.00	23.00
10.00	5.80	78.00	75.00	25.00
16.00	7.30	78.00	75.00	25.00
31.25	10.30	78.00	75.00	23.60
62.50	14.60	78.00	75.00	21.50
100.00	18.50	75.40	72.40	20.10
250.00	29.70	69.40	66.40	17.30
500.00	42.80	64.90	61.90	17.30
600.00	47.10	63.70	60.70	17.30
900.00	58.50	61.10	58.10	15.50
1000.00	61.90	60.40	57.40	15.10
1200.00	68.40	59.20	56.20	14.30

Frequency (MHz)	ELFEXT (dB)	PSELFEXT (dB)
1.00	78.00	75.00
4.00	78.00	75.00
10.00	75.30	72.30
16.00	71.20	68.20
31.25	65.40	62.40
62.50	59.40	56.40
100.00	55.30	52.30
250.00	47.30	44.30
500.00	41.30	38.30
600.00	39.70	36.70
900.00	36.20	33.20
1000.00	35.30	32.30
1200.00	33.70	30.70