

#2254 - S-FTP Cat 7A LSZH (1200 MHz)100m reel

Part NO: #2254

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 on ≥115%

Braiding Shield

Construction 0.12±0.003×8×6

Jacket LSZH

Thickness(mm) 0.7

Dia.(mm) 8.2±0.3

Jacket Color Violet

Color

Insulation color are:

Blue, White/Blue

Orange,White/Orange

Green, White/Green

Brown, White/Brown

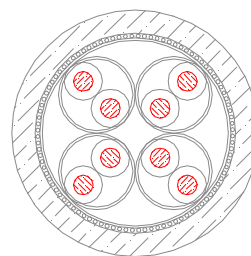
Marking

Category 7A #2254 S-FTP 22 AWG 4 Pair 70C 1200MHZ LSZH
[MeterMark]

PACKAGING

100M/Wooden Drum

Design



Characteristics

Max.Conductor DC Resistance at 20℃ (Ω /Km) <66.6

Rated Temperature(℃) 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)
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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)
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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

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	