

#2241 - S-FTP Cat 7 LSZH (900 MHz), 500m reel

Part NO: #2241
Product Code: S-FTP Cat 7 LSZH (900 MHz)

Product Description

Application:
 Horizontal Wiring in LAN

Reference Standard

Multi-construction
 4 Pair

Cable Construction

Conductor **Solid Bare Copper**
 Construction 0.58±0.01
 Standard Dia.(mm) 0.58

Insulation **Skin-Foam-Skin**
 Average Thickness 0.4
 Insulation Dia.(mm) 1.38±0.1×2C Twist
 Each Pair is Twisted ,Unshielded.

Al-Pet shield(on each pair,Al outward) **≥115%**

Braiding Shield

Construction 0.12±0.008×8×6

Jacket **LSZH**
 Thickness(mm) 0.8
 Dia.(mm) 7.8±0.25
 Jacket Color Blue

Color

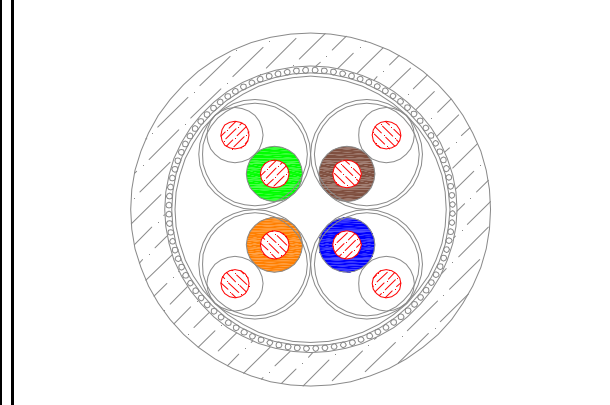
Insulation color are:
 Blue, White
 Orange,White
 Green, White
 Brown, White

Marking
 Category 7 #2241 S-FTP 23 AWG 4 Pair 70C LSZH [MeterMark]

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)	<76.1
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

Performance

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB/100m)	PSNEXT (dB/100m)	ELFEXT (dB/100m)
	Max.	Min.	Min.	Min.
1.00	2.01	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
900.00	63.01	58.09	55.09	36.22

Frequency (MHz)	PSELFEXT (dB/100m)	Return loss (dB/100m)
	Min.	Min.
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
900.00	33.22	13.43