

## #2252 - S-FTP Cat 7A LSZH (1200 MHz) 100m reel

**Part NO:** #2252  
**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**

<b>Conductor</b>	<b>Solid Bare Copper</b>
Construction	0.62±0.01
Standard Dia.(mm)	0.62
<b>Insulation</b>	<b>Skin-Foam-Skin</b>
Average Thickness	0.4
Insulation Dia.(mm)	1.45±0.1×2C Twist
Each Pair is Twisted ,Unshielded.	
<b>Al-Pet shield(on each pair,Al-side ou</b>	<b>≥115%</b>
<b>Braiding Shield</b>	
Construction	0.12±0.003×8×6
<b>Jacket</b>	<b>LSZH</b>
Thickness(mm)	0.7
Dia.(mm)	8.2±0.3
Jacket Color	Grey

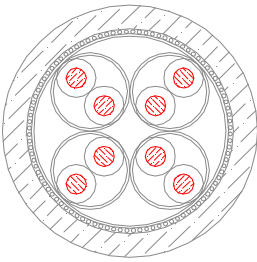
**Color**  
**Insulation color are:**  
 Blue, White/Blue  
 Orange, White/Orange  
 Green, White/Green  
 Brown, White/Brown

**Marking**  
 Category 7A #2252 S-FTP 22 AWG 4 Pair 70C 1200MHZ LSZH  
 [MeterMark]

**PACKAGING**  
 100M/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/MS	

### 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