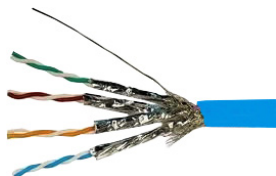


Screened FTP Cat 7 LSZH Cable

900MHz

pro-POWER

RoHS
Compliant


Application:

Horizontal Wiring in LAN

Multi-Construction

: 4 Pair

Cable Construction

Conductor : Solid Bare Copper

Conductor Area CSA : 0.26mm²

Wire Size AWG : 23

Construction : 0.58 ±0.01

Standard Dia.(mm) : 0.58

Insulation

: Skin - Foam - Skin

Average Thickness : 0.4

Insulation Dia.(mm) : 1.45 ±0.1 × 2C Twist

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

Braiding Shield : Tin-Plated Copper Wire

Construction : 0.12 ±0.003 × 8 × 6

Jacket

Jacket Material : Low Smoke Zero Halogen (LSZH)
Flame Retardant Polyethylene

Thickness(mm) : 0.8

Dia.(mm) : 7.8 ±0.25

Jacket Colour : Blue

Colour

Insulation colour are

: Blue, White
Orange, White
Green, White
Brown, White

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

500-1,000MHz 100 ±30

pro-POWER

Screened FTP Cat 7 LSZH Cable

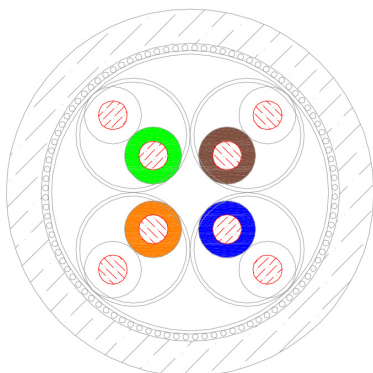
900MHz

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Performance:

Frequency (MHz)	Attenuation (dB/100m) Max.	NEXT (dB/100m) Min.	PSNEXT (dB/100m) Min.	ELFEXT dB/100m) Min.	PSELFEXT (dB/100m) Min.	Return loss (dB/100m) Min.
1	2.01	78	75	78	75	20
4	3.74	78	75	78	75	23.01
10	5.86	78	75	78	75	25
16	7.41	78	75	71.22	68.22	25
31.25	10.41	78	75	65.4	62.4	23.64
62.5	14.88	75.46	72.46	59.38	56.38	21.54
100	19.02	72.4	69.4	55.3	52.3	20.11
250	30.97	66.43	63.43	47.34	44.34	17.32
500	45.26	61.92	58.92	41.32	38.32	17.3
600	50.1	60.73	57.73	39.74	36.74	17.3
900	63.01	58.09	55.09	36.22	33.22	13.43

Design:



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