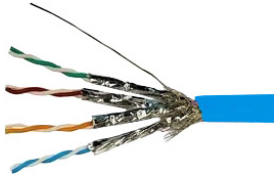


# Screened FTP Cat 7 LSZH Cable 900MHz

pro-POWER

RoHS  
Compliant



## Application:

Horizontal Wiring in LAN

## Multi-Construction

: 4 Pair

## Cable Construction

Conductor : Solid Bare Copper

Conductor Area CSA : 0.26mm<sup>2</sup>

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

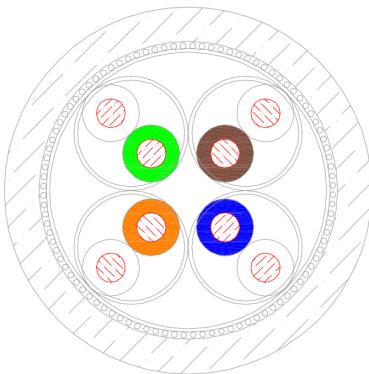
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## Performance:

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:



## Part Number Table

Description	Part Number
Cable, MULTIPR, 4PR, CAT 7, LSZH, BLU, 100m	PP000416
Cable, MULTIPR, 4PR,, CAT 7, LSZH, BLU, 500m	PP000417

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