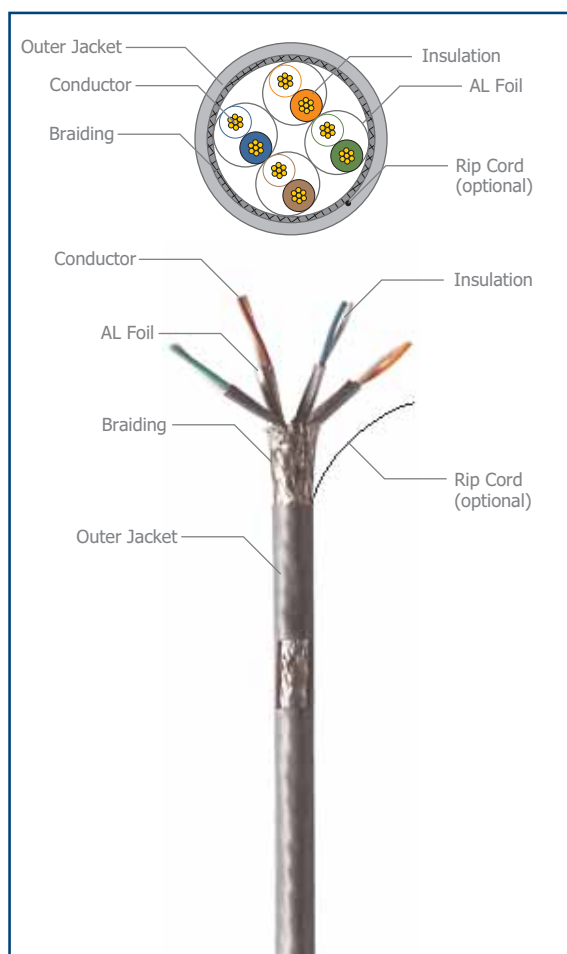


4PR 26AWG S/FTP CAT7 / Part No.: LN-A0426PPC7
Description

- Rated temperature: 75°C
- Reference standard: UL Subject 444, EIA/TIA 568B & ISO/IEC 11801
- Stranded bare or tinned copper conductor
- Colour-coded PE insulation
- Rip cord (optional)
- PVC or LSZH jacket
- Packaging: Reel

Application

- 100 Base-TX
- 100VG-AnyLAN
- 1000Base-T
- 155Mbps ATM
- 622Mbps ATM

Product Figure


* Custom configuration is available upon request.

Physical Characteristics

Structure	Construction	S/FTP
	Number of Pairs	4 Pair
	AWG	26AWG
	Conductor Dimension (mm)	7/0.155
Insulation	Solid or Stranded; Bare or Tinned	Stranded bare or tinned copper
	Insulation Material	HDPE, FRPE
	Insulation Dimension (mm)	0.99
	Number Colour (Ring or Strip Marking)	1.White/Blue(Ring) & Blue 2.White/Orange(Ring) & Orange 3.White/Green(Ring) & Green 4.White/Brown(Ring) & Brown
Shield	Cross Filler	No
	Individual Shield & Material	No
	Outer Shield & Material	Yes (AL-Foil+Tinned Copper Braiding)
	Drain Wire	No
Outer Jacket	Outer Jacket Material	PVC or LSZH
	Outer Jacket Ripcord	Per customer request
	Overall Nominal Diameter (mm)	nom: 6.3mm
Mechanical Characteristics	Operating Temp. Range	-20~75°C
	Bulk Cable Weight (KG)	47KG
	Max. Recommended Pulling Tension	110N
	Min. Bend Radius (Install)	8 x O.D.
	Flame Test	CMX, CM, CMG, CMR, IEC60332-1
Electrical Characteristics	Nom. Mutual Capacitance @ 1kHz	≤ 5.6nF /100M
	Max. Capacitance Unbalance (pF/100m)	≤ 160pF /100M (Per IEC 61156)
	Nominal Velocity of Propagation	65%
	Max. Delay Skew (ns/100m)	≤ 45ns /100M
	Max. Conductor DC Resistance @ 20 Deg. C	14Ω /100M(Bare Copper) 14.5Ω /100M(Tinned Copper)
	Max. DC Resistance Unbalance @ 20 Deg. C	≤ 2%(Per IEC 61156-5)
	Max. Insulation Resistance (MΩ/km)	5000
	Max. Operating Voltage-UL	300V



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4PR 26AWG S/FTP CAT7 / Part No.: LN-A0426PPC7
IEC-61156-6 Electrical Characteristics

Frequency (MHz)	Input Impedance (Ohms)	ATT (dB/100m)	RL (dB)	NEXT (dB)	PSNEXT (dB)	FEXT (dB)	SKEW (ns/100m)	Delay (ns/100m)
4	100 ± 15	5.6	23.0	78.0	75.0	70.0	25	494.0
10	100 ± 15	8.8	25.0	78.0	75.0	70.0	25	487.4
16	100 ± 15	11.1	25.0	78.0	75.0	70.0	25	485.0
20	100 ± 15	12.4	25.0	78.0	75.0	70.0	25	484.0
31.25	100 ± 15	15.6	23.3	78.0	75.0	70.0	25	482.4
62.5	100 ± 15	22.3	20.7	75.5	72.5	70.0	25	480.6
100	100 ± 15	28.5	19.0	72.4	69.4	70.0	25	479.6
125	100 ± 22	32.1	18.2	70.9	67.9	70.0	25	479.2
200	100 ± 22	41.2	16.4	67.9	64.9	70.0	25	478.5
250	100 ± 22	46.5	15.6	66.4	63.4	70.0	25	478.3
300	100 ± 25	51.3	15.6	65.2	62.2	70.0	25	478.1
600	100 ± 25	75.1	15.6	60.7	57.7	70.0	25	477.5


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