4PR 26AWG F/UTP CAT5 / Part No.: LN-A0426PFC5

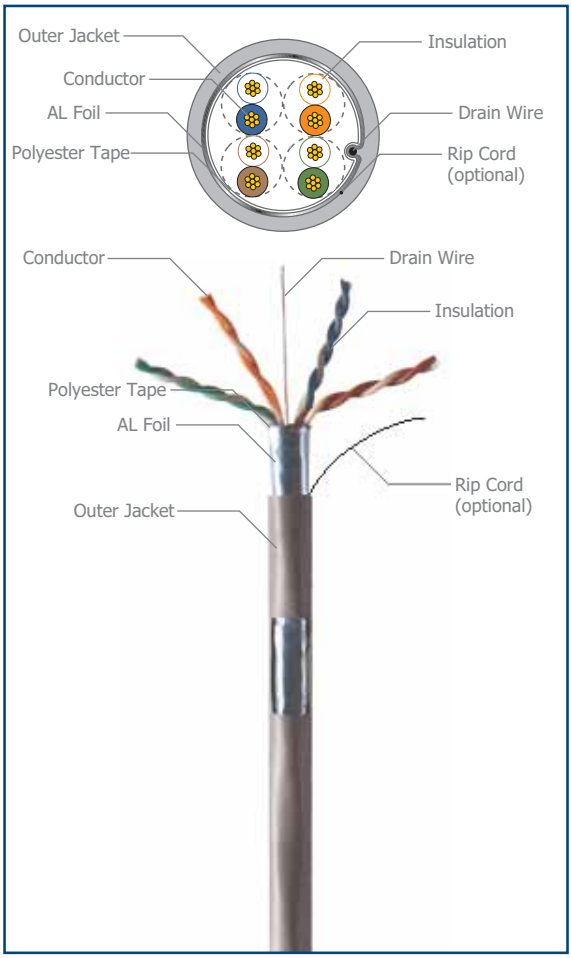
Description

- Rated temperature: 75℃
- 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
- Packaging: Reel

Application

- 100 Base-T4
- 100Base-TX
- 100VG-AnyLAN
- 1000Base-T
- 1000Base-TX
- 155Mbps ATM
- 622Mbps ATM
- Token Ring

Product Figure



*** Custom configuration is available upon request.**

Physical Characteristics

Structure	**Construction**	F/UTP
	Number of Pairs	4 Pair
	AWG	26AWG
	Conductor Dimension (mm)	7/0.16
	Solid or Stranded; Bare or Tinned	Stranded bare or tinned copper
Insulation	**Insulation Material**	HDPE, FRPE
	Insulation Dimension (mm)	0.8
	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
	Cross Filler	No
Shield	**Individual Shield & Material**	No
	Outer Shield & Material	Yes (AL-Foil)
	Drain Wire	Yes (Tinned Copper)
Outer Jacket	**Outer Jacket Material**	PVC or LSZH
	Outer Jacket Ripcord	Per customer request
	Overall Nominal Diameter (mm)	nom: 5.3mm
Mechanical Characteristics	**Operating Temp. Range**	-20~75℃
	Bulk Cable Weight (KG)	34KG
	Max. Recommended PullingTension	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)	≦330pF/100M(Per TIA/EIA-568B.2) ≦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	≦5%
	Max. Insulation Resistance (MΩ/km)	5000
	Max. Operating Voltage-UL	300V

Specifications may change without notice.

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Part No.: A0426PFC5
Ver: D1/08

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TIA/EIA-568-B.2 Electrical Characteristics

Frequency (MHz)	Input Impedance (Ohms)	ATT (dB/100m)	SRL (dB Min)	NEXT (dB Min)	PD Max(ns/100m)	SKEW (ns/100m)
1	100 ± 15	-	23.0	62.3	570	45
4	100 ± 15	6.7	23.0	53.3	552	45
10	100 ± 15	11.7	23.0	48.8	545	45
16	100 ± 15	15.7	23.0	44.3	543	45
20	100 ± 15	18.2	23.0	42.8	542	45
31.25	100 ± 15	24.5	21.0	39.9	540	45
62.5	100 ± 15	39.9	18.0	35.4	539	45
100	100 ± 15	56.4	16.0	32.3	538	45

IEC-61156-2 Electrical Characteristics

Frequency (MHz)	Input Impedance (Ohms)	ATT (dB/100m)	SRL (dB Min)	NEXT (dB Min)	PD Max(ns/100m)	SKEW (ns/100m)
1	100 ± 15	2.1	23.0	62.0	-	45
4	100 ± 15	4.3	23.0	53.0	567	45
8	100 ± 15	-	23.0	-	567	45
10	100 ± 15	6.6	23.0	47.0	567	45
16	100 ± 15	8.2	23.0	44.0	567	45
20	100 ± 15	9.2	23.0	42.0	567	45
25	100 ± 15	-	22.0	-	567	45
31.25	100 ± 15	11.8	21.1	40.0	567	45
62.5	100 ± 15	17.1	18.1	35.0	567	45
100	100 ± 15	22.0	16.0	32.0	567	45

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