

Category 3 Plenum

Product Construction

Conductors:

- 24 AWG solid bare annealed copper

Insulation:

- Flame-retardant semi-rigid PVC

Color Code:

- See Color Code chart on page 77

Rip Cord:

- Applied longitudinally under jacket (except 3 and 4 pair)

Jacket:

- Flexguard® flame-retardant PVC
- Tough low-friction PVDF fluoropolymer
- Sequential footage markings

Packaging

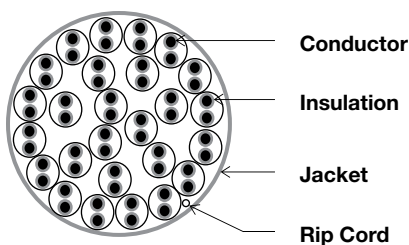
- 1000' Pull-Pac® (PP)
- 1000' spool (SP)
- 1000' Spool-Pac® (SPC)
- 1000' reel (RL)
- Per order length (POL)

Applications

- 100 VG-AnyLAN
- 52 Mbps ATM
- 4 Mbps Token Ring (IEEE 802.5)
- 10 BASE-T (IEEE 802.3)
- T1
- Voice

Compliances

- ANSI/TIA/EIA 568B.2 (Category 3)
- ANSI/ICEA S-90-661 (Category 3)
- NEC/CEC Type CMP



Physical Data

	CMP (Plenum)
Temperature Rating (°C)	
Installation:	0 to +75
Operation:	-10 to +75



PRODUCT NUMBER	PAIRS	JACKET COLOR	PKG	O.D. (INCHES)	WEIGHT (LBS/KFT)
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Flexguard® Flame-Retardant PVC Jacket

2131243	2	White	PP	0.13	10
2131244	3	White	PP	0.15	13
2131248	3	White	SP	0.15	13
2131245	4	White	PP	0.17	17
2131313	4	Gray	PP	0.17	17
2131249	4	White	SP	0.17	17
2131419	4	Gray	SP	0.17	17
2131453	4	Blue	PP	0.17	17
2131458	4	White	SPC	0.17	17
2131462	4	Yellow	PP	0.17	17
2131463	4	Green	PP	0.17	17
2131246	6	White	PP	0.18	24
2131250	6	White	SP	0.18	24
2131505	25	White	RL	0.42	102
2131505.99	25	White	POL	0.42	102
2131757	50	White	RL	0.59	220
2131757.99	50	White	POL	0.59	220
2131758	100	White	RL	0.84	440
2131758.99	100	White	POL	0.84	440

PVDF Fluoropolymer Jacket

2131442.99	200	Natural	POL	1.10	728
2131474.99	300	Natural	POL	1.45	1243

Data subject to change without notice.

Electrical Characteristics

	24 AWG
DC Resistance (max) Ohms/100m (328ft) @ 20°C	9.38
Mutual Capacitance (nom) pF/ft @ 1 kHz	18
Characteristic Impedance Frequency (f): 1.0-16.0 MHz	Ohms 100 ± 15
Structural Return Loss (SRL) Frequency (f): 1.0-10.0 MHz 10.0-16.0 MHz	dB (min) 12 12-10 log (f/10)

Frequency	Attenuation dB/100m (328ft)	Power Sum Near-End Crosstalk dB (min)
772 kHz	2.2	43
1 MHz	2.6	41
4 MHz	5.6	32
8 MHz	8.5	27
10 MHz	9.7	26
16 MHz	13.1	23