

Category 3 Plenum



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

Flame-Retardant PVC Jacket

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

Data subject to change without notice.

Product Construction

Conductors:

- 24 AWG solid bare annealed copper

Insulation:

- Flame-retardant semi-rigid PVC

Color Code:

- See Color Code Chart on page 97

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

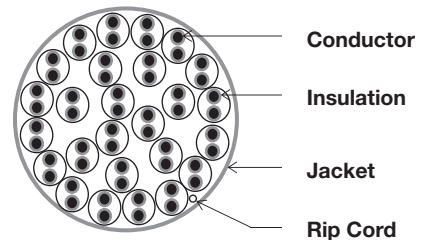
- 1000' Pull-Pac® (PP)
- 1000' spool (SP)
- 1000' Spool-Pac® (SPC)
- 1000' reel (RL)
- Per order length (POL)

Applications

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

Compliances

- ANSI/TIA 568-C.2
- ANSI/ICEA S-90-661 (Category 3)
- NEC/CEC Type CMP (NFPA 262)
- RoHS Compliant Directive 2002/95/EC



Conductor
Insulation
Jacket
Rip Cord

Electrical Characteristics

	24 AWG
DC Resistance (max) Ohms/100 m (328 ft) @ 20°C	9.38
Mutual Capacitance (max) pF/ft @ 1 kHz	17
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	Insertion Loss dB/100 m (max)	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

Physical Data

	CMP (Plenum)
Temperature Rating (°C)	
Installation:	0 to +60
Operation:	-20 to +75



VERIFIED 4 Pair



TIA 568-C.2



Directive 2002/95/EC

2-6 Pair

