

Category 3 Plenum



PRODUCT NUMBER	PAIRS	JACKET COLOR	PKG	O.D. (INCHES)	WEIGHT (LBS/KFT)
Flexguard® Flame-Retardant PVC Jacket					
2131243	2	White	PP	0.13	10
2131244	3	White	PP	0.15	13
2131245	4	White	PP	0.17	17
2131313	4	Gray	PP	0.17	17
2131453	4	Blue	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

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
- Sequential footage markings

Packaging

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

Applications

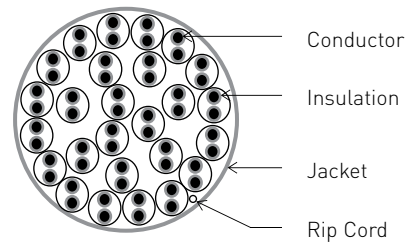
- IEEE 802.3: 10 BASE-T
- IEEE 802.12: 100 BaseVG
- Token Ring, ATM
- T1
- Voice

Compliances

- ANSI/TIA 568.2-D
- NEC/CEC Type CMP (NFPA 262) for Plenum
- UL 444
- RoHS Compliant Directive 2011/65/EU
- ICEA S-90-661

Electrical Characteristics

	24 AWG	Frequency	Insertion Loss dB/100 m (max)	Power Sum Near-End Crosstalk dB (min)
DC Resistance (max) Ohms/100 m (328 ft) @ 20 °C	9.38	772 kHz	2.2	43
Mutual Capacitance (max) pF/ft @ 1 kHz	17	1 MHz	2.6	41
Characteristic Impedance Frequency (f): 1.0-16.0 MHz	Ohms 100 ± 15	4 MHz	5.6	32
Structural Return Loss (SRL) Frequency (f): 1.0-10.0 MHz 10.0-16.0 MHz	dB (min) 12 12-10 log (f/10)	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



4 Pair
25 Pair



RoHS Compliant
Directive 2011/65/EU

