

# Category 3 Plenum



PRODUCT NUMBER	PAIRS	JACKET COLOR	PKG	O.D. (INCHES)	WEIGHT (LBS/KFT)
<b>Flexguard® Flame-Retardant PVC Jacket</b>					
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
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
<b>Flame-Retardant PVC Jacket</b>					
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 95

### 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

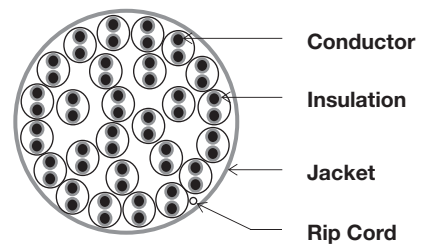
- IEEE 802.3: 10 BASE-T
- IEEE 802.12: 100 BaseVG
- Token Ring, ATM
- T1
- Voice

## Compliances

- ANSI/TIA 568-C.2
- 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)
<b>DC Resistance (max)</b> Ohms/100 m (328 ft) @ 20°C	9.38	772 kHz	2.2	43
<b>Mutual Capacitance (max)</b> pF/ft @ 1 kHz	17	1 MHz	2.6	41
<b>Characteristic Impedance</b> Frequency (f): 1.0-16.0 MHz	Ohms 100 ± 15	4 MHz	5.6	32
<b>Structural Return Loss (SRL)</b> Frequency (f): 1.0-10.0 MHz	dB (min) 12	8 MHz	8.5	27
	10.0-16.0 MHz	10 MHz	9.7	26
	12-10 log (f/10)	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

