



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.

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

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

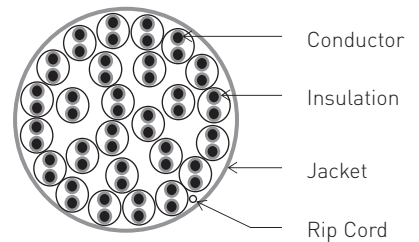
- 1000' Pull-Pac® (PP)
- 1000' spool (SP)
- 1000' Spool-Pac® (SPC)
- 1000' reel (RL)
- Per order length (POL)

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



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



Category 3 Non-Plenum

Product Construction

Conductors:

- 24 AWG solid bare annealed copper

Insulation:

- Flame-retardant semi-rigid PVC (6-25 pr)
- Polyolefin (2-4 pr)

Color Code:

- See Color Code Chart on page 97

Rip Cord:

- Applied longitudinally under jacket

Jacket:

- Flame-retardant PVC
- Sequential footage markings

Packaging

- 1000' Pull-Pac® (PP)
- 1000' Spool-Pac® (SPC)
- 1000' spool (SP)
- 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

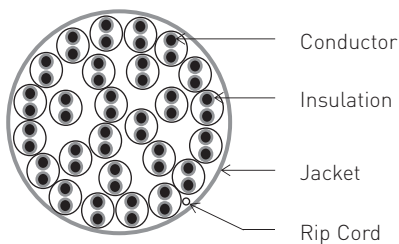
- ANSI/TIA 568.2-D
- NEC/CEC Type CMR (UL 1666) for Non-Plenum
- UL 444
- RoHS Compliant Directive 2011/65/EU
- ICEA S-100-661



PRODUCT NUMBER	PAIRS	JACKET COLOR	PKG.	O.D. (INCHES)	WEIGHT (LBS/KFT)
2133008	2	Beige	PP	0.14	9
2133009	2	Gray	PP	0.14	9
2133011	2	Gray	SP	0.14	9
2133012	3	Beige	PP	0.15	13
2133013	3	Gray	PP	0.15	13
2133015	3	Gray	SP	0.15	13
2133016	4	Beige	PP	0.17	16
2133017	4	Gray	PP	0.17	16
2133359	4	White	SPC	0.17	16
2133358	4	Gray	SPC	0.17	16
2133018	4	Beige	SP	0.17	16
2133019	4	Gray	SP	0.17	16
2133275	4	Blue	PP	0.17	16
2133296	4	White	PP	0.17	16
2133020	6	Beige	PP	0.21	23
2133021	6	Gray	PP	0.21	23
2133022	6	Beige	SP	0.21	23
2133023	6	Gray	SP	0.21	23
2133033	25	Gray	RL	0.42	105
2133033.99	25	Gray	POL	0.42	105

Data subject to change without notice.

Note: Non-stock items may be subject to minimum order quantities.



Physical Data

	CMR (Non-Plenum)
Temperature Rating (°C)	
Installation:	0 to +60
Operation:	-10 to +60

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)
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10 MHz	9.7	26
16 MHz	13.1	23