

Category 3 Screened



CMP (Plenum)

PRODUCT NUMBER	PAIRS	O.D. (INCHES)	WEIGHT (LBS/KFT)
2131537	2	0.13	14
2131216	3	0.15	18
2131217	4	0.20	23
2131218	6	0.26	32



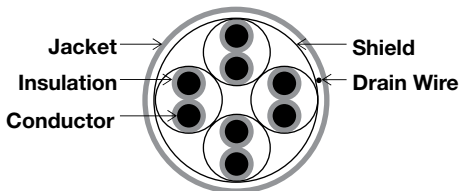
CMR (Non-Plenum)

PRODUCT NUMBER	PAIRS	O.D. (INCHES)	WEIGHT (LBS/KFT)
2133175	2	0.19	18
2133176	3	0.22	23
2133177	4	0.23	28

Data subject to change without notice.

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 (nom) PF/ft @ 1kHz	18	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	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

	CMR (Non-Plenum)	CMP (Plenum)
Temperature Rating (°C)		
Installation:	0 to +60	0 to +75
Operation:	-10 to +60	-10 to +75

Product Construction

Conductors:

- 24 AWG solid bare annealed copper

Insulation:

- Plenum: Fluoropolymer
- Non-Plenum: Flame-retardant semi-rigid PVC

Color Code:

- Pair 1: Blue-White/Blue
- Pair 2: Orange-White/Orange
- Pair 3: Green-White/Green
- Pair 4: Brown-White/Brown
- Pair 5: Slate-White/Slate
- Pair 6: Blue-Red/Blue

Rip Cord:

- Plenum: None
- Non-Plenum: Applied longitudinally under jacket

Drain Wire:

- 24 AWG solid tinned copper

Shield:

- Polyester-backed aluminum foil

Jacket:

- Plenum: Natural Flexguard® flame-retardant PVC (2pr) tough low-friction PVDF fluoropolymer (3-6 pair)
- Non-Plenum: Gray flame-retardant PVC
- Sequential footage markings

Packaging

- 1000' spool (SP)

Applications

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

Compliances

- ANSI/TIA/EIA 568 C.2
- ANSI/ICEA S-90-661 (Category 3)
- Plenum: NEC/CEC Type CMP
- Non-Plenum: NEC/CEC Type CMR

