

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 |



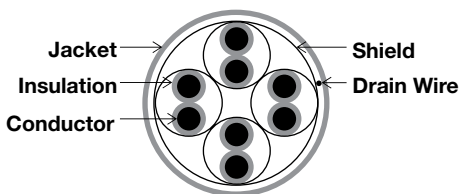
CMR (Non-Plenum)

| 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 | Attenuation dB/100m (max) | Power Sum Near-End Crosstalk dB (min) |
|--------------------------------------------------------------------|------------------|------------------|---------------------------|---------------------------------------|
| DC Resistance (max) Ohms/100m (328ft) @ 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 | | 12-10 log (f/10) | 10 MHz | 9.7 |
| | | 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 B.2 (Category 3)
- ANSI/ICEA S-90-661 (Category 3)
- Plenum: NEC/CEC Type CMP
- Non-Plenum: NEC/CEC Type CMR

