

Category 3 Residential CMX Outdoor-CMR

Product Construction

Conductors:

- 4 pairs of 24 AWG solid annealed bare copper

Insulation:

- Polyolefin

Color Code:

Co-extruded stripe

- Pair 1: Blue-White/Blue
- Pair 2: Orange-White/Orange
- Pair 3: Green-White/Green
- Pair 4: Brown-White/Brown

Rip Cord:

- Applied longitudinally under jacket

Jacket

- Flame-retardant PVC
- Sequential footage markings
- Installation Temperature: -10°C to 60°C
- Operation Temperature: -40°C to 75°C

Physical Data

Nominal Cable Diameter (in)

- 0.19

Nominal Cable Weight (lbs/1000ft)

- 20

Packaging

- 600' Pull-Pac® Carton (PP)

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-100-685
- NEC CMX Outdoor-CMR
- RoHS Compliant Directive 2002/95/EC



PRODUCT NUMBER	JACKET COLOR
2137088	Ivory
2137087	L.O. Gray

Data subject to change without notice.

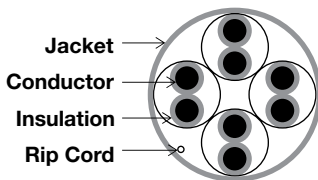
Note: For installations using staple guns, the 4-pair construction requires the use of T-25 size staple.

Electrical Characteristics

	24 AWG
DC Resistance (max) Ohms/100 m (328 ft) @ 20°C	9.38
Mutual Capacitance (nom) 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)	NEXT Power Sum 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

Note: CMX outdoor rating allows the cable to be exposed for short distances from the Network Interface Device on the outside of the house to the point where the cable enters the house. This type of cable is not to be buried or direct buried.



Physical Data

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