

# 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 B.2 (Category 3)
- 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.

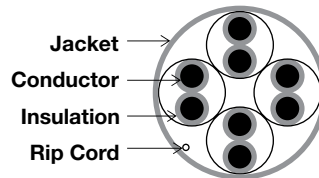
Note: For installations using staple guns, the 4-pair construction requires the use of T-25 size staple.

## Electrical Characteristics

	24 AWG
<b>DC Resistance (max)</b> Ohms/100m (328ft) @ 20°C	9.38
<b>Mutual Capacitance (nom)</b> pF/ft @ 1 kHz	17
<b>Characteristic Impedance</b> Frequency (f): 1.0-16.0 MHz	Ohms 100 ± 15
<b>Structural Return Loss (SRL)</b> Frequency (f): 1.0-10.0 MHz 10.0-16.0 MHz	dB (min) 12 12-10 log (f/10)

Frequency	Attenuation dB/100m (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