

Category 3 Residential CMX Outdoor-CMR



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.

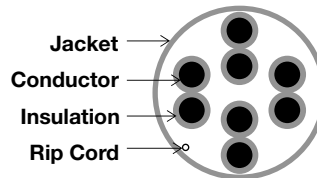
Electrical Characteristics

	24 AWG	Frequency	Insertion Loss dB/100 m (max)	NEXT Power Sum dB (min)
DC Resistance (max) Ohms/100 m (328 ft) @ 20°C	9.38	772 kHz	2.2	43
Mutual Capacitance (max) pF/ft @ 1 kHz	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 10.0-16.0 MHz	dB (min) 12 12-10 log (f/10)	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



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

Physical Data

Nominal Cable Diameter (in)

- 0.19

Nominal Cable Weight (lbs/1000ft)

- 20

Packaging

- 600' Pull-Pac® Carton (PP)

Applications

- IEEE 802.3: 10 BASE-T
- IEEE 802.12: 100 BaseVG
- Token Ring, ATM
- T1
- Voice

Compliances

- ANSI/TIA 568-C.2
- NEC/CEC Type CMX Outdoor-CMR
- UL 444
- RoHS Compliant Directive 2011/65/EU
- ICEA S-100-685

