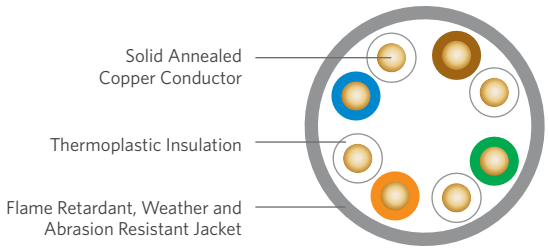
Category 3 Station Wire

CMR/CMX Outdoor



SPECIFICATIONS

Pair Count	Available in 2-pair to 12-pair
Conductor	Solid annealed copper
AWG (mm)	Available in 22 (0.64) and 24 (0.51)
Insulation	Thermoplastic
Jacket	Tough, flame retardant, weather and abrasion resistant PVC
Performance Compliance	UL 444 CSA C22.2 No. 214-08 UL 1666 Extreme CMR/CMX Outdoor Includes ICEA -40°C Anvil Test ANSI/TIA-568.2-D ANSI/ICEA S-100-685 Article 800, NEC (NFPA 70) RoHS-compliant/RoHS 2-compliant
NRTL Programs	UL, c(UL) Listed CMR UL, c(UL) Listed CMX Outdoor

ENVIRONMENTAL SPECIFICATIONS AND TESTS

Operation	CMR/CMX Outdoor: -4°F to +149°F (-20°C to +65°C) Extreme CMR/CMX Outdoor: -40°F to +167°F (-40°C to +75°C)
Installation	+14°F to +140°F (-10°C to +60°C)
ANSI/ICEA S-100-685-2009	CMR/CMX Outdoor: Section 7.1: -4°F (-20°C) cold bend test Section 7.2: +14°F (-10°C) cold impact test Extreme CMR/CMX Outdoor: Section 7.1: -4°F (-20°C) cold bend test Section 7.2: +14°F (-10°C) cold impact test Section 7.3: -40°F (-40°C) anvil test

PRODUCT DESCRIPTION

The Superior Essex Category 3 Station Wires CMR/CMX Outdoor cable is specifically designed for outdoor, indoor, or a combination of both applications. CMX Outdoor cables extend the run between the Network Interface Unit and the point of entry into the interior of a residence or a premise. Their twisted pair construction is small and lightweight.

These Category 3 (CAT 3) cables have been tested and listed as UL® 444 Outdoor compliant, requiring the cable to resist 300 hours of UV and heat. In addition, the CMR listing allows the cable to be used in riser spaces per UL 1666, eliminating the need to transition to fire resistant cables. UV-blocking compounds also aid in protecting the cable from light.

Two levels of Outdoor Protection are available: CMR/CMX Outdoor and Extreme CMR/CMX Outdoor which meets the -40°C anvil test.

APPLICATIONS

- 4 Mbps token ring (IEEE 802.5)
- Analog voice
- 10 Mbps 10BASE-T Ethernet (IEEE 802.3)
- Telecommunications closet wiring

FEATURES	BENEFITS
• Extremely flexible, FR-PVC jacket	• Easier and less time-consuming installations, no kinking of outer jacket
• CMR/CMX Outdoor combination	• Indoor/outdoor use
• Extreme CMR/CMX Outdoor combination	• Indoor/outdoor use with extreme cold temperature feature
• Beige, gray and ivory jacket colors	• Enhances appearance on outdoor siding
• Various conductor colors	• Customer preference

CAUTIONARY INFORMATION

- *Do not use as a substitute for Outside Plant (OSP) cables.*
- *Do not use in conduit or direct burial which can flood. These cables are not designed for extended exposure to water.*

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PART NUMBERS AND PHYSICAL CHARACTERISTICS

Listing	Part Number	Pair Count	AWG (mm)	Jacket Color	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Package	Packages per Pallet
CMR/CMX Outdoor	12-202-37[1]	2	22 (0.64)	Beige	0.18 (4.7)	17 (26)	1,000' POP™ box	45
CMR/CMX Outdoor	12-203-37[1]	3	22 (0.64)	Beige	0.22 (5.5)	24 (36)	1,000' POP box	45
CMR/CMX Outdoor	12-204-37[1]	4	22 (0.64)	Beige	0.22 (5.6)	29 (43)	1,000' POP box	36
CMR/CMX Outdoor	12-214-37[1]	4	22 (0.64)	Gray	0.22 (5.6)	29 (43)	1,000' POP box	36
CMR/CMX Outdoor	12-402-37[1]	2	24 (0.51)	Beige	0.15 (3.7)	12 (18)	1,000' POP box	45
CMR/CMX Outdoor	12-403-37[1]	3	24 (0.51)	Beige	0.17 (4.3)	16 (24)	1,000' POP box	45
CMR/CMX Outdoor	12-404-37[1]	4	24 (0.51)	Beige	0.20 (5.0)	20 (30)	1,000' POP box	45
CMR/CMX Outdoor	12-212-32[2]	2	22 (0.64)	Beige	0.18 (4.7)	17 (26)	1,000' POP box	45
CMR/CMX Outdoor	12-213-32[2]	3	22 (0.64)	Beige	0.22 (5.5)	24 (36)	1,000' POP box	45
CMR/CMX Outdoor	12-206-32[2]	4	22 (0.64)	Beige	0.22 (5.6)	29 (43)	1,000' POP box	45
CMR/CMX Outdoor	12-412-32[2]	2	24 (0.51)	Beige	0.15 (3.7)	12 (18)	1,000' POP box	45
CMR/CMX Outdoor	12-414-32[2]	4	24 (0.51)	Beige	0.20 (5.0)	20 (30)	1,000' POP box	45
Extreme CMR/CMX Outdoor	11-002-89[3]	2	22 (0.64)	Gray	0.17 (4.3)	19 (29)	125' Coil pack	128
Extreme CMR/CMX Outdoor	11-002-88[3]	2	22 (0.64)	Ivory	0.17 (4.3)	19 (29)	125' Coil pack	256
Extreme CMR/CMX Outdoor	11-002-87[3]	2	22 (0.64)	Ivory	0.17 (4.3)	19 (29)	1,000' POP box	45
Extreme CMR/CMX Outdoor	11-003-12[3]	2	24 (0.51)	Ivory	0.15 (3.7)	12 (18)	1,000' POP box	45
Extreme CMR/CMX Outdoor	11-003-13[3]	2	24 (0.51)	Gray	0.15 (3.7)	12 (18)	1,000' POP box	45
Extreme CMR/CMX Outdoor	11-003-91[3]	4	24 (0.51)	White	0.20 (5.0)	20 (30)	1,000' POP box	45
Extreme CMR/CMX Outdoor	11-003-92[3]	4	24 (0.51)	Ivory	0.20 (5.0)	20 (30)	1,000' POP box	45
Extreme CMR/CMX Outdoor	12-303-62[3*]	6	24 (0.51)	Gray	0.21 (5.3)	27 (41)	1,000' POP box	36
Extreme CMR/CMX Outdoor	12-805-62[3*]	12	24 (0.51)	Gray	0.28 (7.2)	49 (74)	1,000' Plywood reel	16
Extreme CMR/CMX Outdoor	12-414-52[4]	3	22 (0.64)	Beige	0.22 (5.5)	24 (36)	1,000' POP box	45
Extreme CMR/CMX Outdoor	12-415-52[4]	2	24 (0.51)	Beige	0.15 (3.7)	12 (18)	1,000' POP box	45
Extreme CMR/CMX Outdoor	12-416-52[4]	3	24 (0.51)	Beige	0.17 (4.3)	16 (24)	1,000' POP box	45
Extreme CMR/CMX Outdoor	12-417-52[4]	4	24 (0.51)	Beige	0.20 (5.0)	20 (30)	1,000' POP box	45

[1]*These products use a tubed jacket design with the following color code: Blue/White, Orange/White, Green/White, Brown/White.*
[2]*These products use a tubed jacket design with the following color code: Red/Green, Yellow/Black, Blue/White, Orange/Brown.*
[3]*These products use a tubed jacket design with the following color code: Blue/White, Orange/White, Green/White and Brown/White. 2-pair 22 AWG products are a pressure extruded design.*
[3*]*Copper conductors are PVC insulated.*
[4]*These products use a tubed jacket design with the following color code: Red/Green, Yellow/Black, Blue/White, Orange/Brown.*

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