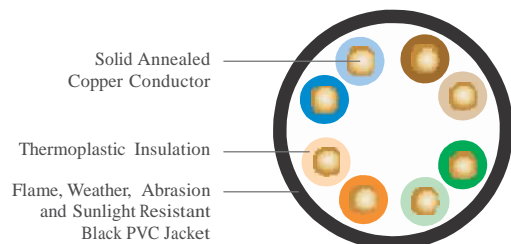


Category 5e

CMR/CMX Outdoor Sunlight Resistant



Product Description

The Grupo Matel Category 5e CMR/CMX Outdoor Sunlight Resistant cable is specifically designed for extreme sunlight and temperature applications. The cable's specially formulated black jacket is designed to resist both temperatures down to -20°C (-4°F) and up to +60°C (+140°F). The level of UV blocking compounds is the same as in traditional Outside Plant (OSP) cable products, with the black color preventing damage from long-term UV sunlight exposure. Applications include Ethernet interconnect cable for Wi-Fi or retrofit cable installations that employ exterior runs, having long term outdoor exposure between two environmentally protected points.

Grupo Matel CAT 5e CMR/CMX Outdoor Sunlight Resistant black premises cable has been tested and listed as UL 444 Sunlight Resistant compliant. This designation requires the cable to resist 720 hours of harsh UV and heat and is more than twice the exposure time of the standard 300 hours required in the CMX Outdoor test. 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.

Applications

- 10BASE-T through 1000BASE-T Ethernet
- Power over Ethernet (PoE) – IEEE 802.3af
- PoE+ – IEEE 802.3at Type 1 and 2
- Wi-Fi – IEEE 802.11a/b/g/n

Features

- Combines indoor/outdoor applications into one product with the added feature of Sunlight Resistant black color jacket
- Exceeds UL 444
- Meets ANSI/TIA-568-C.2 specification
- CableID® alpha numeric code printed every 2 feet
- QuickCount® marking system in feet and meters
- ColorTip™ Circuit Identification System
- Rip cord applied under jacket
- RoHS-compliant
- Combined indoor/outdoor rating
- UL 444/UL 1581 Sunlight Resistant Listed

Benefits

- Provides cost-effective solution
- 720 hour sunlight resistant specification
- CAT 5e performance
- Allows both ends of a cable run to be easily identifiable without the need to separately label or tone the cable
- Provides remaining length of cable on reel
- Easily identifiable conductor mates even in low-light environments
- Facilitates easy opening
- No heavy metals; and no toxic components
- Reduces inventory by eliminating multiple cable types
- Increased life in direct, long term sunlight

Specifications

Pair Count	4
Conductor	Solid annealed copper
AWG (mm)	24 (0.51)
Insulation	Polyolefin
Insulation Colors	Pair 1: ColorTip Light Blue, Blue Pair 2: ColorTip Light Orange, Orange Pair 3: ColorTip Light Green, Green Pair 4: ColorTip Light Brown, Brown
Jacket	Tough, flame retardant, weather, sunlight and abrasion resistant riser PVC
Jacket Color	Black
Characteristic Impedance (Ohms)	100 ± 15
Nominal Velocity of Propagation (%)	70
Performance Compliance	UL 444 CSA C22.2 No. 214-08 UL 1581 UL 1666 ANSI/TIA-568-C.2 ANSI/TIA/EIA-570-B Article 800, NEC (NFPA 70)
NRTL Programs	UL Verified CAT 5e UL, c(UL) Listed CMR UL, c(UL) Listed CMX Outdoor Sunlight Resistant

Part Numbers and Physical Characteristics

Part Number	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Package	Packages per Pallet
151-240-E11	0.21 (5.3)	21 (31)	1,000' POP™ box	36