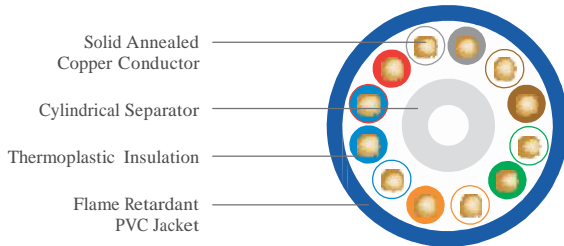


6-Pair Category 5e

CMR



Specifications

Pair Count	6
Conductor	Solid annealed copper
AWG (mm)	24 (0.51)
Insulation	Polyolefin
Separator	Round filler
Jacket	Flame retardant PVC
Characteristic Impedance (Ohms)	100 ± 15
Nominal Velocity of Propagation (%)	71
Performance Compliance	UL 444 CSA C22.2 No. 214-08 UL 1666 ANSI/TIA-568-C.2 Article 800, NEC (NFPA 70) RoHS-compliant
NRTL Programs	UL, c(UL) Listed CMR

Part Numbers and Physical Characteristics

Listing	Part Number ¹	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Package	Packages per Pallet
CMR	151-347-x51	0.26 (6.6)	32 (48)	1,000' Reel-in-a-Box	27
CMR	151-372-x51	0.26 (6.6)	32 (48)	1,000' Plywood reel	16

Jacket Colors

'Replace "x" with:	Blue = 2	Gray = 3
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Product Description

6-pair UTP cable, with Category 5e (ANSI/TIA-568-C.2) performance, is the solution to a growing number of special installation needs. More customers are demanding two additional pairs above the standard 4-pair cable for high-bandwidth applications. Two additional pairs provide the flexibility for utility metering and other telemetry needs without the expense of adding a separate cable and without additional space. The Grupo Matel 6-pair CAT 5e cable delivers the performance expected, while offering the many features and user advantages of all our high performance premises products.

Applications

- 10BASE-T through 1000BASE-T Ethernet
- Power over Ethernet (PoE) – IEEE 802.3af
- PoE+ – IEEE 802.3at Type 1 and 2
- ATM and token ring

Features

- Two additional pairs in excess of the standard 4-pair construction
- ANSI/TIA-568-C.2 compliance
- CableID® alpha numeric code printed every 2 feet
- QuickCount® marking system in feet and meters
- Warranted with all leading connectivity manufacturers

Benefits

- Eliminates expense of additional cable when 6-pair are required, reduces cabling space requirements; speeds installation time
- Any of the 6-pair can be used for CAT 5e applications
- Allows both ends of a cable run to be easily identifiable without the need to separately label or tone the cable
- Eliminates guesswork of footage on reel and reduces scrap
- Offers flexibility in selection of connectivity solutions