Networking ease that does more... yet costs less.

When it comes to networking cables, it isn't just speed that's important. Safety and flexibility of use are just as vital. Phelps Dodge CAT 5E and CAT 6 LAN Cables give you all these.

- Flame retardant - does not support combustion in the event of a fire
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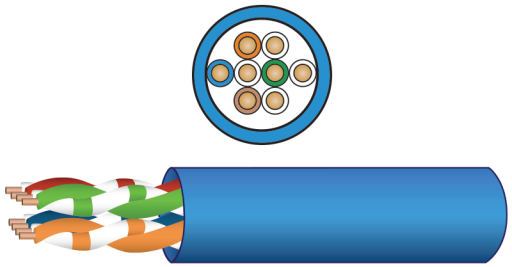
DATA CABLE (CATEGORY 5E)
CMX/CMR LAN Cable for Horizontal and Vertical Wiring



APPLICATION
Suitable for both voice and high speed data applications in Local Area Networks
- 10 Base-T (IEEE 802.3)
- 100 Base-T (IEEE 802.5)
- 4/16 Mbps Token Ring (IEEE 802.5)
- 52/155 Mbps ATM
- 100 VG-AnyLAN
- 100 Mbps TP-PMD (ANSI X3T9.5)
- 1000 Base-T (Gigabit Ethernet)
- Broadband and baseband analogue video
- Digital video

Environmental Performance
Installation Temperature -10°C to 40°C
Operating Temperature -20°C to 60°C

COMPLIANCES
- AS/NZS 3080:2003 (Cat 5e)
- ISO/IEC 11901 Ed.2 (Cat 5e)
- ANSI/TIA 568-C.2 (Cat 5e)
- AS/CA S008:2010
- UL Verified (Cat 5e)
- UL Listed Type CMX
- UL Listed Type CMR

CONDUCTOR
- Plain Annealed Copper Wire (24 AWG)

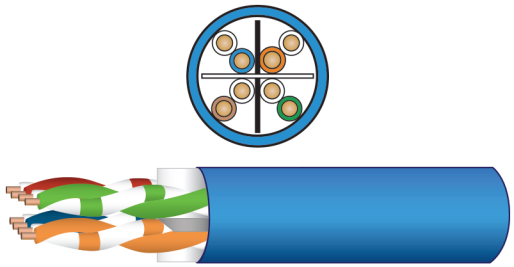
INSULATION
- High Speed Data Grade Polyolefin
- Pair 1 - White/Blue & Blue
- Pair 2 - White/Orange & Orange
- Pair 3 - White/Green & Green
- Pair 4 - White/Brown & Brown

SHEATH
- Flame Retardant PVC
- Qualified to be used as riser cable
- Cable printed with meter marking

TECHNICAL SPECIFICATIONS

NOMINAL OVERALL DIA. (mm)	CONDUCTOR		APPROX. MASS (kg/km)	MINIMUM BENDING RADIUS (mm)	STANDARD PACKING REELEX BOX
	Number of Pairs	Number & Diameter of Wires (No./mm)			
4.9	4	1/0.51	29	20	305m

DATA CABLE (CATEGORY 6)
CMX/CMR LAN Cable for Horizontal and Vertical Wiring



APPLICATION
Suitable for high speed data applications for Local Area Networks
- 10 Base-T (IEEE 802.3)
- Broadbank and baseband analog video
- 155 Mbps / 1.2 Gbps ATM
- IEEE 802.3af DTE Power (PoE)
- 100 Base-TX
- 1000 Base-T (Gigabit Ethernet)
- Digital Video

Environmental Performance
Installation and Operating Temperature
-20°C to 60°C

COMPLIANCES
- AS/NZS 3080:2013 (Cat 6)
- ISO/IEC 11801 Ed.2 (Cat 6)
- ANSI/TIA 568-C.2 (Cat 6)
- AS/CA S008:2010
- UL Listed Type CMX
- UL Listed Type CMR
- UL Verified Cat 6

CONSTRUCTION
- Round cable, cross web design

CONDUCTOR
- Plain Annealed Copper Wire (24 AWG)

INSULATION
- High Speed Data Grade Polyolefin
- Pair 1 - White/Blue & Blue
- Pair 2 - White/Orange & Orange
- Pair 3 - White/Green & Green
- Pair 4 - White/Brown & Brown
- Core Diameter = 1.00mm Nom

SHEATH
- Flame Retardant PVC
- Cable printed with meter marking.

TECHNICAL SPECIFICATIONS

NOMINAL OVERALL DIA. (mm)	CONDUCTOR		APPROX. MASS (kg/km)	MINIMUM BENDING RADIUS (mm)	STANDARD PACKING REELEX BOX
	Number of Pairs	Number & Diameter of Wires (No./mm)			
6	4	1/0.53	41	24	305m

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