



N-Tron's high quality shielded Cat5E cable is ideal for industrial network installations.

FEATURES

- 4-pair unshielded twisted pair cable
- 26AWG stranded bare copper conductor
- Meets or exceeds Cat5e specifications
- Ideal for 10Base-T(IEEE 802.3), 100Base-TX(IEEE 802.3u), 1000Base-TX

CAT5E SHIELDED CABLE

No. of Pair: 4 Twisted Pair
 Conductor:
 Construction: 26AWG (7/0.16mm)
 Material: Stranded Bare Copper
 Outer Diameter: 0.49mm

Shielding:

Shielded on one end only. The shielded end should be used at the switch end to help avoid ground loops. See the link below for more information.

Color Code	Twisted Pair Pitch (mm):
(1) Blue & White/Blue	11.1mm
(2) Orange & White/Orange	14.3mm
(3) Green & White/Green	9.1mm
(4) Brown & White/Brown	19.6mm

Insulation Material:	Polyethylene Plastic
Thickness	0.21mm
Outer Diameter:	0.90±0.05mm
Jacket Material:	PVC
Thickness:	0.58 mm
Outer diameter:	6.0 ± 0.2mm
Color:	Gray
Hardness Durometer:	Shore A: 88A
Temperature Rating:	75°C
Conductor Resistance:	89 Ohms/KM Max. at 20°C
Insulation Resistance:	100M Ohms/KM Min. at 20°C
Dielectric Strength:	500V AC/1 Min.
Spark Test:	2KV in air

Product Standard Certification:

Communications Cable (meets or exceeds UL1581)
 Flame Test: Communications Cable (meets or exceeds UL1581)
 Impedance: 100±15 OHMS (1 MHZ~100MHZ)









Marking:

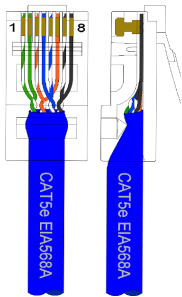
E132276-A (UL) CM 75°C 4PR 26AWG
 CSA LL64151-A CMG
 75°C FT4 CAT.5E PATCH CORD---FTP









Ordering Information Cat5e shielded twisted pair with:

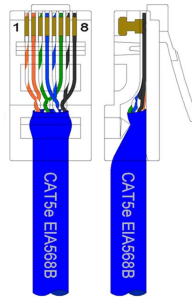
CAT5E-M12-M12-X	Straight M12 to Straight M12 connector, Shielded
CAT5E-M12-RJ45-X	Straight M12 to RJ45 connector, Shielded
CAT5E-M12-X	Straight M12 to bare end, Shielded
CAT5E-RM12-M12-X	90° M12 to Straight M12, Shielded
CAT5E-RM12-RM12-X	90° M12 to 90° M12, Shielded
CAT5E-RM12-RJ45-X	90° M12 to RJ45 connector, Shielded
CAT5E-RM12-X	90° M12 to bare end, Shielded

Where X=length in feet

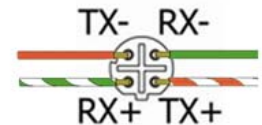
EIA 568A		
Pin #	Wire Color Legend	Signal
1	 White/Green	TX+
2	 Green	TX-
3	 White/Orange	RX+
4	 Blue	TRD2+
5	 White/Blue	TRD2-
6	 Orange	RX-
7	 White/Brown	TRD3+
8	 Brown	TRD3-



EIA 568B		
Pin #	Wire Color Legend	Signal
1	 White/Orange	TX+
2	 Orange	TX-
3	 White/Green	RX+
4	 Blue	TRD2+
5	 White/Blue	TRD2-
6	 Green	RX-
7	 White/Brown	TRD3+
8	 Brown	TRD3-



M12		
Pin #	Wire Color Legend	Signal
1	 White/Orange	TX+
2	 White/Green	RX+
3	 Orange	TX-
4	 Green	RX-



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