

## ▶▶▶ Shielded Cat5e Cable



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.

<http://www.n-tron.com/pdf/groundingtechniques.pdf>

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:

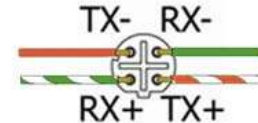
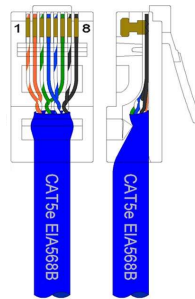
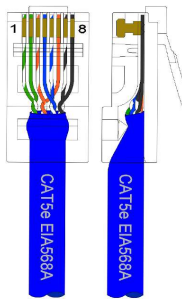
CAT5E-M12-M12-X .....	Straight M12 to Straight M12 connector, Shielded
CAT5E-M12-RJ45-X .....	Straight M12 to RJ45 connector, Shielded
CAT5E-M12-X .....	Straight M12 to bare end, Shielded
CAT5E-RM12-M12-X .....	90° M12 to Straight M12, Shielded
CAT5E-RM12-RM12-X .....	90° M12 to 90° M12, Shielded
CAT5E-RM12-RJ45-X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