

TE CONNECTIVITY CAT5E

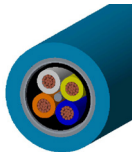
RAIL DATA CABLE

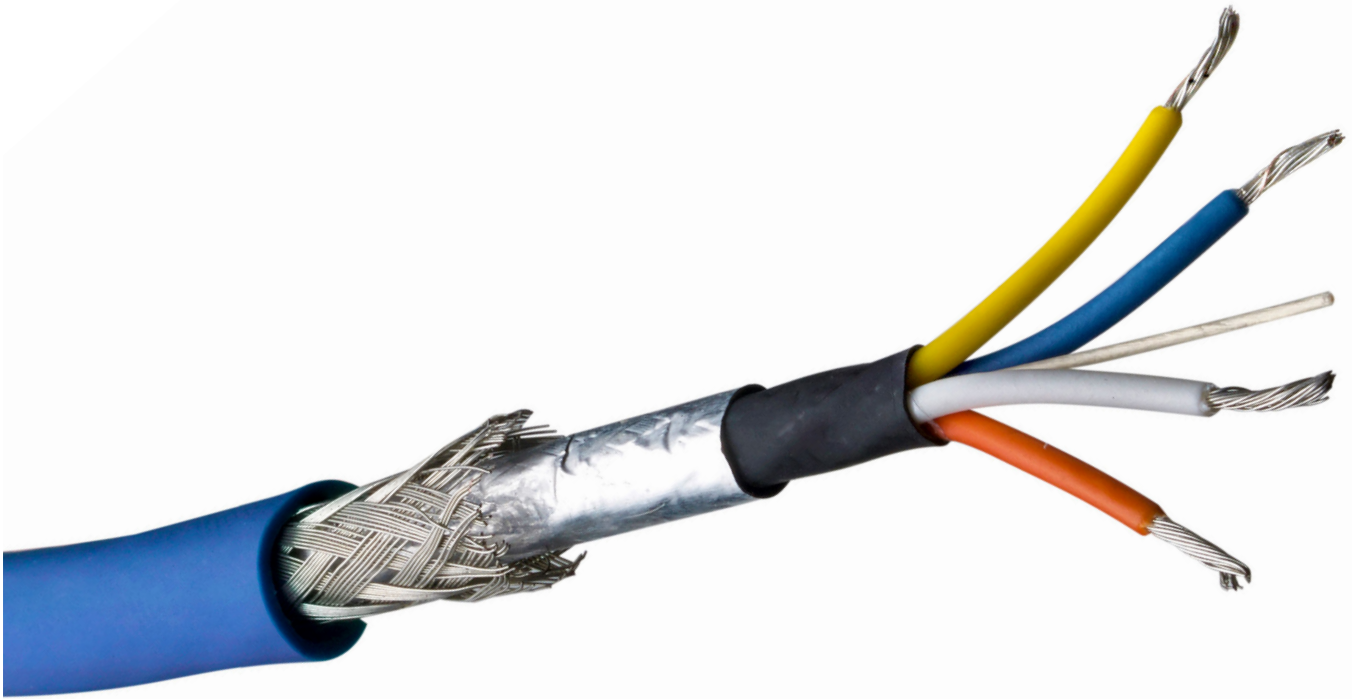
FEATURES AND BENEFITS

- Railway compliant to EN45545-2.
- Quad design consisting of two pairs of 22-AWG.
- Pre-assembled cable assemblies available for fast installation.
- Ruggedized outer jacket in cross linked polyethylene suitable for tough environments with excellent resistance to chemicals, mechanical stresses and temperature extremes.
- Designed for an operating voltage of 300 V.
- High speed category 5e or 7 cable.
- TE offers a full range of data cables, from 120 ohm to 10 Gb/s.

PRODUCT APPLICATIONS

- Public transportation.
- Railway.
- Tram.
- Metro.
- Heavy industrial applications.

Cable Specifications	
	 TE Cat 5^e cable
Part Number	2320808-1
No of conductors	4
No of pairs	2 (Quad Core)
Cross section	22 AWG
Temp range	-40°C to +90°C
Construction	SFTP Insulation: Colour coded thermoplastic Conductor: Stranded, tin plated copper Inner Sheath: Low smoke, fire retardant, zero Halogen Black Shield 1: Alumised polyester tape Shield 2: Tinned copper braid Jacket: Low smoke, fire retardant, zero halogen EM104 TE Blue
Features	Flame retardant, halogen free, low toxicity, low smoke, oil resistant, fuel resistant
Standards	EN45545-2 R15/R16 - Hazard level 3, ANSI/TIA-568-C.2, DIN 5510-2



CAT5E DATA CABLE

A Category 5e (Cat5e) quad high speed data cable for railway rolling stock and infrastructure. With its halogen-free flame retardant polymer insulation, the cable complies with EN45545-2, the new European standard covering fire behavior of materials and products in railway rolling stock. This is because its crosslinked outer jacketing provides high resistance to chemicals, mechanical stress and extreme temperatures. It can be supplied on it's own or in pre-assembled assemblies with connectors, for ease and speed of installation.

The new Cat5e data cable is a quad design consisting of two pairs of 22-AWG cores. It is designed for an opening voltage of 300 V. The electrical resistance of the conductor is less than or equal to 60 km, and that of the shield is up to 120 km. The insulation has a resistance of over 500 M /km (all at 20 degrees celsius).

Up to

1Gb

Data Transmission
Speed

Ruggedized
outer jacket

EN45545-2
Compliant

LET'S CONNECT

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PRODUCT CATALOGUE

TE Connectivity
Wire & Cable