



400R

A NEW RAIL-APPROVED WIRE & CABLE PRODUCT FOR THE USA MARKET.

TE Connectivity (TE) is launching the 400R as a new rail wire & cable product for the USA market. The 400R is a USA rail approved, limited fire hazard wire & cable compliant to the NFPA 130-2010 standard meaning that the wire will be approved on most USA rail projects.

With TE Connectivity's polymer & cross linking technology. The dual wall jacket insulation of 100E is;

- Light weight, thin walled leading which reduces bundle volume and total weight.
- Approximately 30% lighter than conventional thick walled wire, giving significant energy savings to the end user.
- Approximately 50% saving in bulk of wire giving more room for the train designer, builder and passengers.
- Compliant to USA rail standards NFPA 130 and BSS 7238 and 7239 for smoke and toxicity Standards, meaning it is suitable to be used in passage trains close to passengers.

Applications

- Rail market rolling stock
- Underground metro tunnels
- All signal & power applications for rolling stock and tunnels

Specifications

- NFPA 130 - 210
- BSS7238
- BSS7239
- WCD 3114

Main Characteristics

- Temperature rating: 150 °C continuous
- Voltage rating: 600v, 1000v, 2500v
- Robust dual wall design resists damage and stops notch propagation
- Small size allows easy installation
- Good electrical performance due to core layer
- Smaller and lighter than bulky Chlorinated Polyethylene (CPE) wire & cable.
- Good oil resistance
- Reduces operating costs
- Low smoke and fume generation under fire conditions
- Highly flame retarded
- Meets NFPA 130

