

RAILWAYS APPLICATIONS

ROLLING STOCK CABLES (EN 50264 standard)

Single-core un-sheathed power cables

◆ **EPR**

Manufactured with the following components/features:

- Rated voltage:
 - 1,8/3 kV
 - 0,6/1 kV
- Flexible stranded tinned copper conductor
- Insulation:
 - colour according to International Standards or on customer specification
 - available in versions -25 °C or -40 °C
 - oil resistant and extra oil resistant
 - hydrocarbon resistant and extra hydrocarbon resistant

Single/multi-core sheathed power cables

◆ **EPR/LSZH**

Manufactured with the following components/features:

- Rated voltage:
 - 1,8/3 kV
 - 0,6/1 kV
- Flexible stranded tinned copper conductor
- Colour of insulation according to International Standards or on customer specification
- Tinned copper braid shield
- Outer sheath:
 - colour according to International Standards or on customer specification
 - available in versions -25 °C or -40 °C
 - oil resistant and extra oil resistant
 - hydrocarbon resistant and extra hydrocarbon resistant

Multi-core sheathed control cables

◆ **EPR/LSZH**

Manufactured with the following components/features:

- Rated voltage 300/500 V
- Flexible stranded tinned copper conductor
- Colour of insulation according to International Standards or on customer specification
- Tinned copper braid shield
- Outer sheath:
 - colour according to International Standards or on customer specification
 - available in versions -25 °C or -40 °C
 - oil resistant and extra oil resistant
 - hydrocarbon resistant and extra hydrocarbon resistant

ROLLING STOCK FIRE RESISTANT CABLES

Single-core un-sheathed power cables

◆ **MGT/EPR**

Manufactured with the following components/features:

- Rated voltage:
 - 1,8/3 kV
 - 0,6/1 kV
- Flexible stranded tinned copper conductor
- Fire resistance according to:
 - IEC 60331-21
 - CEI EN 50200 or CEI EN 50362

- Insulation:
 - colour according to International Standards or on customer specification
 - available in versions -25 °C or -40 °C
 - oil resistant and extra oil resistant
 - hydrocarbon resistant and extra hydrocarbon resistant

Single/multi-core sheathed power cables

◆ MGT/EPR/LSZH

Manufactured with the following components/features:

- Rated voltage:
 - 1,8/3 kV
 - 0,6/1 kV
- Flexible stranded tinned copper conductor
- Fire resistance according to:
 - IEC 60331-21
 - CEI EN 50200 or CEI EN 50362
- Colour of insulation according to International Standards or on customer specification
- Tinned copper braid shield
- Outer sheath:
 - colour according to International Standards or on customer specification
 - available in versions -25 °C or -40 °C
 - oil resistant and extra oil resistant
 - hydrocarbon resistant and extra hydrocarbon resistant

Multi-core sheathed control cables

◆ MGT/EPR/LSZH

Manufactured with the following components/features:

- Rated voltage 300/500 V
- Flexible stranded tinned copper conductor
- Fire resistance according to:
 - IEC 60331-21
 - CEI EN 50200 or CEI EN 50362
- Colour of insulation according to International Standards or on customer specification
- Tinned copper braid shield
- Outer sheath:
 - colour according to International Standards or on customer specification
 - available in versions -25 °C or -40 °C
 - oil resistant and extra oil resistant
 - hydrocarbon resistant and extra hydrocarbon resistant

ROLLING STOCK CABLES FOR INTERNAL CIRCUITS OF SIGNALING AND SAFETY SYSTEMS (IS 411 ed. 1988 standard)

◆ EPR ◆ EPR/LSZH

Manufactured with the following components/features:

- Rated voltage:
 - 450/750 V
 - 300/500 V
- Flexible stranded tinned copper conductor
- Colour of insulation according to IS 411 ed. 1988 standard
- Colour of outer sheath: black

ROLLING STOCK CABLES FOR EXTERNAL CIRCUITS OF SIGNALING AND SAFETY SYSTEMS (IS 409 C standard)

- ◆ EPR/EPR/LSZH
- ◆ EPR/EPR/LSZH/LSZH

Manufactured with the following components/features:

- Rated voltage 450/750 V
- Tinned copper conductor:
 - extra-flexible stranded
 - round stranded
 - solid round
- Colour of insulation according to IS 409 C standard
- Steel tape armour
- Colour of outer sheath: black

