Multicore above 750V Grade Thin Walled Flexible EBXL Jumper Cables for Electric Locomotives

Application

- ✓ Thin walled flexible EBXL cables for tap changer of electric locomotives, AC/DC EMU, BG, AC EMU & MEMU coaching stock.

Product Construction

- ✓ Conductor : Annealed Tinned Flexible Copper Conductor.
- ✓ Insulation : Electron Beam Cross Linked Polyolefin rated 120°C, Dual layer.
- ✓ Core Identification : By number printing.
- ✓ Outersheath : Electron Beam Cross Linked Polyolefin. Black Colour.

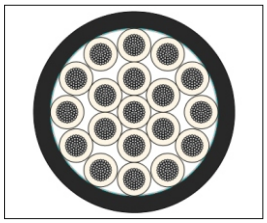
Technical Data

- ✓ Temperature range : operating remp :-40°C to +150°C.
- ✓ Rated voltage : Above 750V
- ✓ Short circuit temperature : 280°C.
- ✓ Test voltage : 8kV for 15 mins
- ✓ Min. bending radius : 4 x Cable OD
- ✓ Insulation resistance constant (at room temp) : K ≥ 12000 MΩ.Km
- ✓ Specification : ELRS / SPEC / ELC / 0019 Rev 3.

Features

- ✓ Limited fire hazard type
- ✓ Minimum flame spread
- ✓ Low smoke emission
- ✓ Limited toxic fume emission
- ✓ Resistant to mineral oil, diesel, etc.

2D View



Approvals	Accreditations	Certifications

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Part Number	No. of Cores x Nominal Cross Sectional Area (Nos. x Sq.mm)	No. of Wires x Wire Dia (max) (Nos. x mm)	Conductor Dia. Nominal (mm)	Minimum Wall Thickness of Core		Thickness of Outer Sheath (mm)	Overall Cable Dia (D) (mm)	Max. Resistance of Conductor at 20 deg. C (ohm/km)	Approx. Cable Weight (Kg/Km)
				Core Insulation (mm)	Core Sheath (mm)				
R2591619	19C x 2.5	50 x 0.26	2.1	0.30	0.40	1.4	23.0 ± 0.5	8.21	863
R2591919	19C x 4.0	7 x 8 / 0.31 Rope Construction (1 x 8 + 6 x 8)	2.7	0.35	0.45	2.0	30.5 ± 0.1	5.09	1528

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.

Catalogue No. **R259**

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