

**Multi Core - UIC Cables 300/300V Grade Thin Walled Flexible EBXL Cables for Coaching Stock Application**

**Application**

- ✓ Thin walled Flexible EBXL Cables for Passenger coaches for AC/DC EMU, BG, AC EMU & MEMU coaching stock.

**Product Construction**

- ✓ Conductor : Annealed Tinned Flexible copper conductor, Class 5.
- ✓ Insulation : EBXL- EPDM 120°C
- ✓ Brading : ATC
- ✓ Coloured Insulation : White numbered cores. Insulation data-bus - White, Black,
- ✓ Outersheath : Electron Beam Cross Linked Polyolefin. Black Colour.

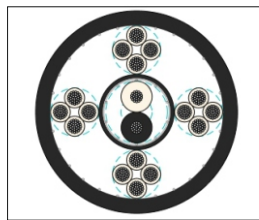
**Technical Data**

- ✓ Temperature Range :  
Operating Temp :-40°C to +120°C.
- ✓ Rated Voltage : 300/300V
- ✓ Short Circuit Temperature : 280°C
- ✓ Specification : EDTS 132 Rev-C DS-5)
- ✓ Impedance : 120± 12 Ω/km
- ✓ Test Voltage : 2.0 kV
- ✓ Temperature range : -40°C+ 90°C
- ✓ Min bending Radius  
(i) fixed : 4 x cable O.D  
(ii) flexing : 5 x cable O.D

**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

Part Number	No. of core x Nominal Cross Sectional Area (Nos x sqmm)	No. of Wires x Single Wire dia (Nom) (Nos / mm)	Cable Outer Diameter (mm)	Max. Resistance of Conductor at 20°C (Ohm/km)	Cable Weight (Kg/Km) approx.
2691018	4 Quad. 4 x 1mm <sup>2</sup> + 1Pair 2 x 0.75 mm <sup>2</sup> (data bus) 18 core cable	1mm <sup>2</sup> : 19 x 0.25 mm 0.75 mm <sup>2</sup> : 19 x 0.22 mm	17.5 ± 0.5	1mm <sup>2</sup> : 22.6 0.75 mm <sup>2</sup> : 28.7	477.0
2691022	5 Quad. 4 x 1mm <sup>2</sup> + 1Pair 2 x 0.75 mm <sup>2</sup> (data bus) 22 core cable	1mm <sup>2</sup> : 19 x 0.25 mm 0.75 mm <sup>2</sup> : 19 x 0.22 mm	18.3 ± 0.5	1mm <sup>2</sup> : 22.6 0.75 mm <sup>2</sup> : 28.7	540.0

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

