



**Multi Core Unscreened 600/1000V 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.

**Features**

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

**Product Construction**

- ✓ Conductor : Annealed Tinned Flexible Copper Conductor, Class 5.
- ✓ Insulation : Electron Beam Cross Linked Polyolefin rated 120°C, Single Layer.
- ✓ Insulation Colour : White insulation with number printing.
- ✓ Outersheath : Electron Beam Cross Linked Polyolefin. Black Colour.

**Technical Data**

- ✓ Temperature range :  
Operating temp. :-40°C to +120°C.
- ✓ Rated voltage : 600/1000V
- ✓ Short circuit temperature : +280°C.
- ✓ Test voltage : 1.5kV for 5 mins
- ✓ Bending radius : 4D for cables for fixed installations  
5D for cables for flexible installations
- ✓ Specification : EDTS 132 Rev-C (DS-7) spec.

	<b>ISO 9001</b>	<b>ISO 14001</b>	<b>AS 9100</b>	<b>ISO 45001</b>
	Indian Railways 			

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.
2671312	12C x 1.5	30 x 0.25	14.4 ± 0.4	13.7	336
2671316	16C x 1.5	30 x 0.25	16.3 ± 0.5	13.7	470
2671318	18C x 1.5	30 x 0.25	17.5 ± 0.5	13.7	520
2671325	25C x 1.5	30 x 0.25	20.9 ± 0.5	13.7	690
2671604	4C x 2.5	50 x 0.25	11.3 ± 0.4	8.21	222
2671612	12C x 2.5	50 x 0.25	18.7 ± 0.5	8.21	570
2671912	12C x 4	56 x 0.3	21.8 ± 0.5	5.09	790

