



Siechem Multicore/Multipair 600/1000V Dual Wall Insulated EBXL Cables for Electric Locomotives

Application

- ✓ Dual wall EBXL cables for protected permanent installation inside and out side railway rolling stock to connect fixed and moving parts.
- ✓ For WAG - 9 / WAP - 5 Locomotive

Features

- ✓ Halogen free
- ✓ Limited fire hazard type
- ✓ Minimum flame spread
- ✓ Low smoke emission
- ✓ Less toxic fume emission
- ✓ Electron Beam Irradiated Cross Linked
- ✓ Easy to strip
- ✓ Excellent resistance to high & low temperature, Oil, Ozone, Weathering and Abrasion

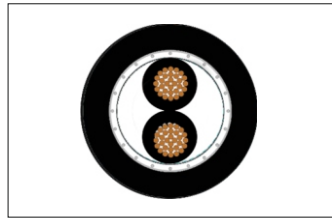
Product Construction

- ✓ Conductor : Annealed Tinned copper conductor, acc. to IEC 228, Class 5
- ✓ Insulation : EBXL - EPDM
- ✓ Braiding : ATC
- ✓ Outersheath : EBXL - XLPO

Technical Data

- ✓ Temperature Range : -40°C to +120°C.
- ✓ Rated Voltage : 600/1000V
- ✓ Short Circuit Temp : +280°C.
- ✓ Test Voltage : 6 kV for 15 min
- ✓ Min. Bending Radius : 5 x OD Cable
7 x OD Cable
- ✓ Flame propagation : As per IEC 332 - 3 Cat C
- ✓ Specification : CLW / ES / 3 / 0459 DS-2

2D View



	ISO 9001	ISO 14001	AS 9100	ISO 45001
	Indian Railways 			

Part Number	Nominal Cross Sectional Area of Core (mm ²)	Conductor Typical Construction (Nos. x Nos. x mm)	Nom. Conductor Dia (mm)	Minimum Wall Thickness		Cable Dia (mm)	Max. Resistance of Conductor at 20°C (Ohm/km)	Cable Weight (Kg/Km) Nom.	Current Rating in Air at 30°C (A)
				Insulation (mm)	Sheath (mm)				
Multicore Screened Cable									
8771002	2C x 1.0	19 x 0.25	1.25	0.5	0.8	7.1 ± 0.3	20.0	84	25.5
Twisted Cable									
8781002	2C x 1.0	19 x 0.25	1.25	0.5	0.8	6.5 ± 0.3	20.0	64	20.5
Multipair Screened cable									
8791002P	2 x 2 x 1.0	19 x 0.25	1.25	0.5	1.0	11.0 ± 0.4	20.4	181	14.5
Multiquad Screened Cable									
9001003Q	3 x 4 x 1.0	19 x 0.25	1.25	0.5	1.3	15.5 ± 0.5	20.4	358	25.5

