



Siechem Multicore/Multipair Core 300/300V 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

Product Construction

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

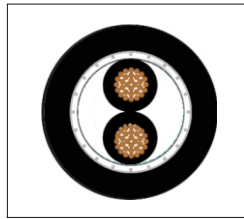
Technical Data

- ✓ Temperature Range : -40°C to +120°C.
- ✓ Rated Voltage : 300/300V
- ✓ Short Circuit Temp : +280°C.
- ✓ Test Voltage : 1.5 kV, 50Hz for 15 min
- ✓ Min. Bending Radius : 5 x OD Cable
- ✓ Flame propagation : As per IEC 332 - 3 Cat C
- ✓ Specification : CLW / ES / 3 / 0459 DS-1

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

2D View



Approvals Accreditations Certifications



Part Number	No. of Core x 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									
8730602	2 x 0.5	19 x 0.176	0.86	0.25	0.75	5.3 + 0.3	41.1	43	17.4
8730603	3 x 0.5	19 x 0.176	0.86	0.25	0.75	5.5 + 0.3	41.1	47	14.6
8730605	5 x 0.5	19 x 0.176	0.86	0.25	0.80	6.8 + 0.3	41.1	79	12.8
8730609	9 x 0.5	19 x 0.176	0.86	0.25	0.55	8.2 + 0.3	41.1	118	10.2
Twisted Cable									
8740609	9 x 0.5	19 x 0.179	0.89	0.25	0.80	7.0 + 0.3	41.1	86	10.2
8740625	25 x 0.5	19 x 0.179	0.89	0.25	0.95	11.2 + 0.4	41.1	210	9.2
Multipair Screened Cable									
8750602P	2 x 2 x 0.5	19 x 0.176	0.86	0.25	0.90	7.8 + 0.3	43.1	92	15.0

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

