



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

Product Construction

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

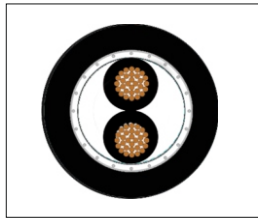
Technical Data

- ✓ 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

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 | 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 |

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

