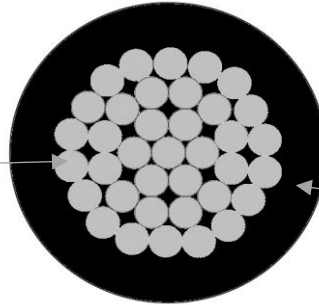


Single Core, 600V AC, EBXL 120°C Rolling Stock Cable

The complete requirements for procuring the wire described herein shall consist of this document.

Conductor -

Finely Stranded Annealed
Electro Tinned Copper



Insulation -

EBXL - EL 109
Any Colour

| Part Description | Conductor | | | Finished Wire | | | | |
|------------------|--|---|------------------|---------------------------------|---|------------------|------|------------------------------|
| | Nominal | | Diameter Max. | Insulation Thickness Min. | Maximum Resistance @ 20°C (Ohms/km) | Diameter (mm) | | Approx. Weight (kg/km) |
| | Cross Sectional Area (mm ²) | Conductor Stranding No./Diam. (mm) | | | | Min. | Max. | |
| RL0111-0.25-* | 0.25 | 19/0.13 | 0.65 | 0.18 | 84.3 | 1.05 | 1.30 | 4.0 |
| RL0111-0.40-* | 0.40 | 19/0.16 | 0.80 | 0.18 | 50.5 | 1.28 | 1.38 | 5.0 |
| RL0111-0.50-* | 0.50 | 19/0.18 | 0.95 | 0.18 | 40.1 | 1.15 | 1.45 | 6.0 |
| RL0111-0.60-* | 0.60 | 19/0.20 | 1.00 | 0.18 | 31.1 | 1.47 | 1.57 | 7.0 |
| RL0111-0.75-* | 0.75 | 37/0.16 | 1.15 | 0.18 | 26.7 | 1.35 | 1.65 | 8.0 |
| RL0111-1.00-* | 1.00 | 37/0.18 | 1.30 | 0.18 | 20.0 | 1.40 | 1.80 | 10.0 |
| RL0111-1.20-* | 1.20 | 19/0.29 | 1.41 | 0.20 | 15.8 | 1.80 | 2.10 | 13.0 |
| RL0111-1.50-* | 1.50 | 37/0.23 | 1.60 | 0.22 | 13.7 | 1.90 | 2.30 | 15.0 |
| RL0111-2.00-* | 2.00 | 37/0.26 | 1.82 | 0.22 | 10.5 | 2.40 | 2.50 | 20.0 |
| RL0111-2.50-* | 2.50 | 37/0.30 | 2.00 | 0.28 | 8.21 | 2.45 | 2.85 | 25.0 |
| RL0111-3.00-* | 3.00 | 37/0.32 | 2.24 | 0.28 | 6.58 | 2.80 | 3.10 | 30.0 |
| RL0111-4.00-* | 4.00 | 56/0.30 | 2.60 | 0.28 | 5.09 | 2.90 | 3.25 | 40.0 |

Technical Data

Temperature Range -40°C to +120°C
 Rated Voltage: 600 V AC
 Specification: BS EN 50306-2:2020*
 Conductor: BS EN 50306-2:2020
 In Addition to BS EN 50306-2:2020* specification, products also meet fire performance tests as per:
 UNI CEI 11170-3
 DIN 5510-2
 EN 45545-2
 * Product complies with physical testing requirements of EN 50306-2:2020

Marking

The wire shall be marked:
"TE Connectivity RL0111-§-* 600V [Batch Number]"
 Where "§" = The nominal conductor cross-sectional area
 The "*" in the part number shall be replaced by a standard colour code designator in accordance with Mil Std 681.
 Spaced ≤ 500mm longitudinally, measurement taken from beginning of mark.

Approval

Electronic sign off - no signatures will appear.