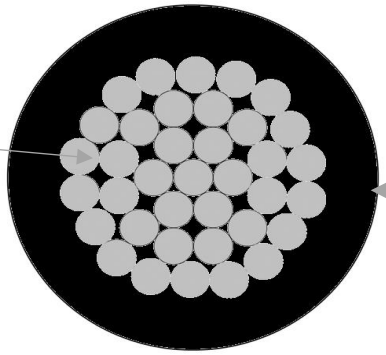
Specification Control Drawing

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

	Conductor			Finished Wire				
Part Description	Nominal Cross Sectional Area	Conductor Stranding No./Diam.	Diameter Max.	Insulation Thickness Min.	Maximum Resistance @ 20°C	Diameter (mm)		Approx. Weight
	(mm²)	(mm)	(mm)	(mm)	(Ohms/km)	Min.	Max.	(kg/km)
RL0111-0.25-*	0.25	19/0.13	0.65	0.18	84.3	1.05	1.30	4.0
RL0111-0.50-*	0.50	19/0.18	0.95	0.18	40.1	1.15	1.45	6.0
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
RL0111-2.50-*	2.50	37/0.30	2.00	0.28	8.21	2.45	2.85	25.0
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.

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

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