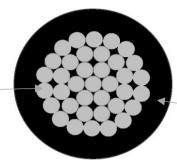


## Single Core, 600V AC, EBXL 120°C Rolling Stock Cable

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				
	Nominal		Diameter	Insulation	Maximum	Diameter		Approx.
Part	Cross	Conductor	Max.	Thickness	Resistance	(m	ım)	Weight
Description	Sectional	Stranding		Min.	@			
	Area	No./Diam.			20°C			
	(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
RL0111-0.40-*	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 $\leq$ 500mm longitudinally, measurement taken from beginning of mark.							
Approval	Electronic sign off - no signatures will appear.							

Tyco Electronics UK Ltd. Faraday Road Dorcan SWINDON SN3 5HH Tel: +44 (0)1793 528171 Fax: +44 (0)1793 572516

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