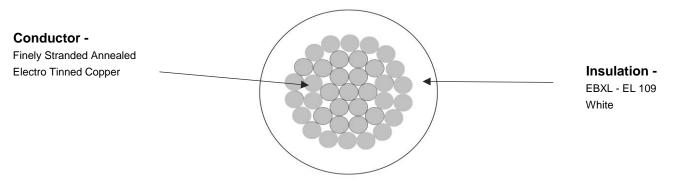


EN 50306-2, Single Core, 300V AC, EBXL 120°C Rolling Stock Cable

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



	Conductor			Finished Wire				
	Nominal		Diameter	Insulation	Maximum	Diameter		Approx.
Part	Cross	Conductor	Max.	Thickness	Resistance	(mm)		Weight
Description	Sectional	Stranding		Min.	@			
	Area	No./Diam.			20°C			
	(mm²)	(mm)	(mm)	(mm)	(Ohms/km)	Min.	Max.	(kg/km)
EN50306-2-RAIL-0.50	0.50	19/0.18	0.95	0.18	40.10	1.15	1.45	6.0
EN50306-2-RAIL-0.75	0.75	37/0.16	1.15	0.18	26.70	1.35	1.65	8.0
EN50306-2-RAIL-1.00	1.00	37/0.18	1.30	0.18	20.00	1.40	1.80	10.0
EN50306-2-RAIL-1.50	1.50	37/0.23	1.65	0.22	13.70	1.90	2.30	15.0
EN50306-2-RAIL-2.50	2.50	37/0.30	2.15	0.28	8.21	2.45	2.85	25.0

Technical Data

Temperature Range -40°C to +120°C Rated Voltage: 300 V AC Specification: BS EN 50306-2:2020 Conductor: BS EN 50306-2:2020 In Addition to BS EN 50306-2 specification, products also meet fire performance tests as per: UNI CEI 11170-3 DIN 5510-2 NF F 16-101 EN 45545-2

Marking

"TE CONNECTIVITY EN 50306-2 300V 1 X § M

The wire shall be marked:

Batch Number"

Where "§" = The nominal conductor cross-sectional area Spaced ≤ 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 TE Connectivity is a trading name of Tyco Electronics UK Ltd, Which is registered in England and Wales, number 550926. Registered office: Faraday Road, Dorcan, Swindon, SN3 5HH Website: www.te.com This drawing and the information set forth hereon are the property of Tyco Electronics UK Ltd, and are to be held in trust and confidence. Publication, duplication, disclosure or use for any purpose not expressly authorised in writing by Tyco Electronics UK Ltd is prohibited. This specification sheet takes precedence over documents referenced herein. As Tyco Electronics UK Ltd. reserve the right to make changes in construction without notice please contact Tyco Electronics UK Ltd to ensure that this document is the latest issue.