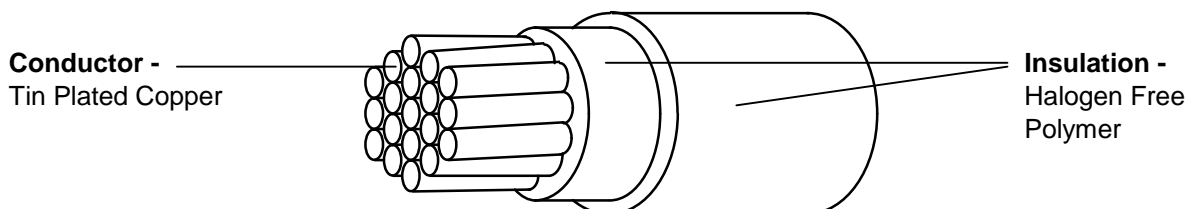


WIRE, HALOGEN FREE, THIN WALL INSULATED,  
300 VOLT AC, TEMPERATURE CLASSIFICATION 105°C

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



Part Description	Conductor				Finished Wire			
	Nominal		Diameter (mm)		Maximum Resistance @ 20°C (ohms/km)	Diameter (mm)		Maximum Weight (kg/km)
	Cross Sectional Area (mm <sup>2</sup> )	Conductor Stranding No./Diam. (mm)						
100E0111-0.50-*	0.50	19/0.18	0.82	0.90	40.1	1.37	1.45	6.60
100E0111-0.75-*	0.75	19/0.23	1.04	1.15	26.7	1.59	1.65	8.90
100E0111-1.00-*	1.00	19/0.25	1.17	1.26	20.0	1.69	1.80	10.7
100E0111-1.50-*	1.50	37/0.23	1.46	1.58	13.7	2.03	2.13	16.0
100E0111-2.50-*	2.50	37/0.29	1.85	2.01	8.21	2.50	2.63	25.7

**COLOUR CODE:** The '\*' in the part number shall be replaced by a standard colour code designator in accordance with Mil Std 681.  
e.g. 100E0111-1.50-0 Black outer jacket

**PERFORMANCE REQUIREMENTS:** To be tested to and meet the requirements of the issue in effect of EN 50306-2

**MARKING REQUIREMENT:** Every 250 ± 25 mm  
The mark shall be: **TE Raychem EN 50306-2 300V 1 X § M**

Where "§" = The nominal conductor cross-sectional area

**APPROVAL:** Electronic sign off - no signatures will appear.

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