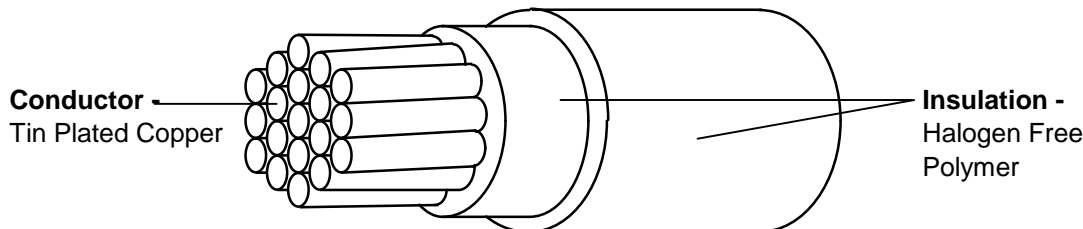


WIRE, HALOGEN FREE, THIN WALL INSULATED,  
250 VOLT AC IN ACCORDANCE WITH NF F 63-808, TEMPERATURE CLASSIFICATION 105°C  
(Suitable for use at an operating voltage of 750/1300 VOLTS AC)



Part Description	NF F 63-808 Designation	Nominal Cross Sectional Area (mm <sup>2</sup> )	Nominal Conductor Stranding No./Diam. (mm)	Conductor Diameter (mm)		Minimum Insulation Thickness (mm)	Maximum Resistance @ 20°C (ohms/km)	FINISHED WIRE Diameter (mm)			Nominal Weight (kg/km)	Maximum Weight (kg/km)	Base Colour
				Min.	Max.			Lower Spec Limit	Target	Upper Spec Limit			
#100F0111-22	N/A	0.38	19/0.16	0.74	0.76	0.20	50.5	1.26	1.29	1.34	4.46	4.63	*
100F0111-20	E 250 S 0.60-NF F 63-808	0.60	19/0.20	0.96	0.98	0.20	30.0	1.47	1.51	1.55	6.86	7.10	yellow
100F0111-18	E 250 S 0.93-NF F 63-808	0.93	19/0.25	1.21	1.24	0.20	20.0	1.70	1.75	1.80	10.5	10.8	white
100F0111-16	E 250 S 1.34-NF F 63-808	1.34	19/0.30	1.45	1.48	0.20	13.7	1.99	2.04	2.10	13.9	14.9	green
100F0111-14	E 250 S 1.82-NF F 63-808	1.82	37/0.25	1.68	1.72	0.20	9.80	2.30	2.36	2.45	19.8	20.7	yellow
100F0111-12	E 250 S 2.61-NF F 63-808	2.61	37/0.30	2.03	2.08	0.25	7.00	2.62	2.70	2.79	26.4	27.6	white
100F0111-10	E 250 S 4.32-NF F 63-808	4.32	61/0.30	2.53	2.90	0.25	4.46	3.29	3.38	3.51	43.8	47.0	green

# This size is not covered by NF F 63-808 but except as stated, is tested to the requirements of NF F 63-808 Mai 1992.

**COLOUR CODE:** Insulation colour determined by conductor cross sectional area, as defined above.  
\*\* = Insulation colour determined by customer order.

**PERFORMANCE REQUIREMENTS:** The complete requirements for procuring the wire described herein shall consist of this document and NF F 63-808 Mai 1992 except where indicated.

**MARKING REQUIREMENT:** Marking shall be vertically (longitudinally NF F Spec), spaced at 100 mm minimum to 150mm maximum, coloured black  
Legend: 'E \$ - NF F 63-808 - TE Raychem - YY'

Where: "\$" = the conductor cross sectional area (see above)  
and "YY" = the Year Code Designator in accordance with the table below.  
e.g. 'E 0.93 - NF F 63-808 - TE Raychem - 09' reflects 100F0111-18 manufactured in 2009.

Code:	09	10	11	12	13	14	15
Year:	2009	2010	2011	2012	2013	2014	2015

N.B. When used as a component, the mark is defined by the cable SCD.  
100F0111-22 only is marked as follows: 'E 0.38 - TE Raychem - YY'  
where "YY" = the Year Code Designator in accordance with the table above.

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

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