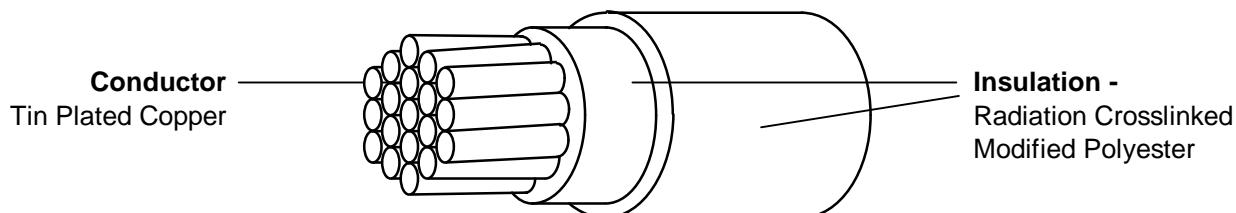


**WIRE, MODIFIED POLYESTER INSULATED, 600 VOLT, 120°C, LIGHTWEIGHT**  
 The complete requirements for procuring the wire described herein shall consist of this document



Part Description	CONDUCTOR		FINISHED WIRE					Maximum Weight (kg/ km)	
	Stranding No./ Diam. (mm)	Diameter (mm)		Maximum Resistance @ 20°C (ohms/ km)	Minimum Insulation Thickness Total (mm)	Diameter (mm)			
		Min.	Max.			Lower Spec Limit	Upper Spec Limit		
99M0111-28-*	7/0.12	0.33	0.38	259	0.15	0.65	0.80	1.50	
99M0111-26-*	19/0.10	0.46	0.53	141.5	0.15	0.85	0.95	2.18	
99M0111-24-*	19/0.12	0.55	0.62	95.6	0.15	0.90	1.05	3.45	
99M0111-22-*	19/0.15	0.72	0.80	60.0	0.15	1.05	1.20	4.90	
99M0111-20-*	19/0.20	0.94	1.04	33.2	0.15	1.30	1.50	7.56	
99M0111-18-*	19/0.25	1.18	1.29	21.1	0.15	1.55	1.75	10.4	
99M0111-16-*	19/0.30	1.39	1.53	14.5	0.15	1.80	2.00	16.5	
99M0111-14-*	37/0.25	1.68	1.82	10.9	0.20	2.15	2.35	20.7	
99M0111-12-*	37/0.30	2.02	2.18	7.6	0.20	2.50	2.70	27.1	

**COLOUR CODE:**

The '\*' in the part number shall be replaced by a standard colour code designator in accordance with Mil Std 681.

e.g. 99M0111-20-9, White insulation

**PERFORMANCE REQUIREMENTS:**

To be tested to and meet the requirements of Def Stan 61-12(Part 18) Issue 5. 99M0111 is approved to Type 1 of Def Stan 61-12(Part 18) Issue 5.

Certificate No: S&AS/SS/BCC/30/12/002/001A Issue Number: 8

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