

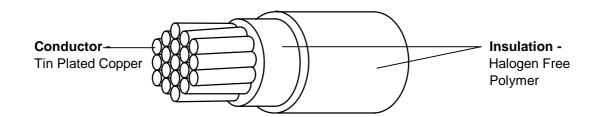
100G0111 Issue 9 14th November 2012

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## WIRE, HALOGEN FREE, THIN WALL, 750/1300 VOLT AC, 125°C

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



	Part	Nominal	Nominal		Conductor		FINISHED WIRE					
	Description	Cross	Conductor	Equivalent	Diameter		Minimum	Maximum	Diameter			Maximum
		Sectional	Stranding	AWG	(mm)		Insulation	Resistance	(mm)		Weight	
		Area	No./Diam.	Size			Thickness	@ 20°C	Lower		Upper	(kg/km)
		(mm²)	(mm)				(mm)	(ohms/km)	Spec	Target	Spec	
					Min.	Max.			Limit		Limit	
	100G0111-0.15-*	0.15	19/0.10	26	0.45	0.50	0.20	132.9	0.98	1.03	1.08	2.59
	100G0111-0.25-*	0.25	19/0.13	24	0.55	0.63	0.20	84.32	1.09	1.14	1.19	3.59
	100G0111-0.40-*	0.40	19/0.16	22	0.73	0.79	0.20	50.50	1.28	1.33	1.38	5.18
#	100G0111-0.50-*	0.50	19/0.18	-	0.82	0.90	0.20	40.10	1.37	1.40	1.45	6.60
#	100G0111-0.60-*	0.60	19/0.20	20	0.95	1.01	0.20	31.10	1.47	1.52	1.57	7.40
#	100G0111-0.75-*	0.75	19/0.23	-	1.04	1.15	0.20	26.70	1.59	1.60	1.65	8.90
#	100G0111-1.00-*	1.00	19/0.25	18	1.17	1.26	0.20	20.00	1.69	1.75	1.80	10.70
	100G0111-1.20-*	1.20	19/0.29	16	1.32	1.42	0.20	15.80	1.88	1.93	1.98	13.60
#	100G0111-1.50-*	1.50	37/0.23	15	1.46	1.58	0.20	13.70	2.03	2.08	2.13	16.00
#	100G0111-2.00-*	2.00	37/0.25	14	1.68	1.82	0.20	10.50	2.31	2.36	2.41	20.30
#	100G0111-2.50-*	2.50	37/0.29	13	1.85	2.01	0.25	8.21	2.50	2.55	2.63	25.70
	100G0111-3.00-*	3.00	37/0.32	12	2.12	2.24	0.25	6.58	2.70	2.78	2.86	31.00
	100G0111-4.00-*	4.00	56/0.30	-	2.41	2.57	0.25	4.89	3.01	3.09	3.17	43.60

COLOUR CODE: The '\*' in the part number shall be replaced by a standard colour code designator

in accordance with Mil Std 681. eg: 100G0111-1.00-2 Red insulation

PERFORMANCE All sizes shall be tested and meet the requirements of the issue in effect of

REQUIREMENTS: WSD 912

Sizes Indicated with # shall also meet the requirements of the issue in effect of

ENG-SYS-825-904

This product will be available in the full colour range and may be marked or unmarked in accordance with the order.

APPROVAL: Electronic sign off - no signatures will appear.

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## TE Connectivity:

 100G0111-0.40-0
 100G0111-2.00-0
 100G0111-1.20-0
 100G0111-1.00-9
 100G0111-1.00-2
 100G0111-0.25-9

 100G0111-0.50-2
 100G0111-0.50-6
 100G0111-0.60-0
 100G0111-0.50-9
 100G0111-0.25-2
 100G0111-0.50-0

 100G0111-0.25-0
 100G0111-0.40-9
 100G0111-0.25-6
 100G0111-1.00-0
 100G0111-3.00-0
 100G0111-0.60-9

 100G0111-0.50-45
 100G0111-3.00-6
 100G0111-0.40-2
 100G0111-1.20-9
 100G0111-0.40-45
 100G0111-0.60-2

 100G0111-0.60-5
 100G0111-0.60-3
 100G0111-0.60-7
 100G0111-2.50-6
 100G0111-2.50-9