

Issue 7

9th December 2011

FLT011X

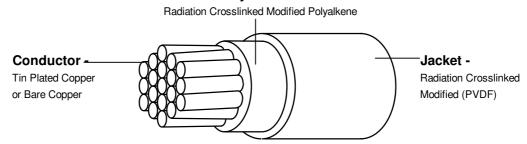
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## HIGH PERFORMANCE EQUIPMENT WIRE 600V/150°C

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

## **Primary Insulation -**



Part	Nominal	Conductor	Conductor		Finished Wire			
Description	CSA	Stranding	Diameter		Maximum	Diameter		Nominal
	(mm²)	No./Diam.	(mm)		Resistance	(mm)		Weight
		(mm)			@20°C			(kg/km)
			Min.	Max.	(ohms/km)	Min.	Max.	
FLT011X-0.25-Y	0.25	19/0.127	0.55	0.63	83.6	0.91	1.04	2.96
FLT011X-0.35-Y	0.35	19/0.15	0.70	0.80	56.1	1.06	1.21	4.14
FLT011X-0.50-Y	0.50	19/0.19	0.82	0.90	40.1	1.18	1.31	6.63
FLT011X-0.75-Y	0.75	19/0.23	1.05	1.15	24.7	1.41	1.56	8.20
FLT011X-1.00-Y	1.00	19/0.25	1.17	1.26	20.0	1.55	1.70	10.86
FLT011X-1.50-Y	1.50	19/0.32	1.35	1.60	13.7	1.73	2.06	16.47
FLT011X-2.00-Y	2.00	19/0.36	1.66	1.85	9.9	2.12	2.38	20.32
FLT011X-2.50-Y	2.50	19/0.41	1.85	2.05	8.2	2.31	2.61	26.56

**DESCRIPTION:** 

**PART** 

The 'X' in the part description shall be replaced by a conductor designator as follows:

1 - Tin plated copper

9 - Bare copper

The 'Y' in the part description shall be replaced by a standard colour code designator e.g. size 0.25mm² tinned copper conductor, white insulation - FLT0111-0.25-9

PERFORMANCE REQUIREMENTS:

To be tested to and meet the requirements of the issue in effect of Specification WCD645.

REQUIREMENTS: If compliance with UL style 1385 is required, the suffix (S92) should be added to the part description,

e.g. FLT0111-1.00-9(S92)

APPROVAL:

Electronic sign off - no signatures will appear.

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