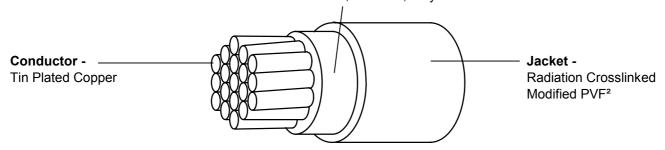


## **Specification Control Drawing**

FLCW0211
Issue 3
14th July 2006
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WIRE, MODIFIED FLUOROPOLYMER INSULATED, 150°C 600 VOLT, LIGHTWEIGHT
The complete requirements for procuring the wire described herein shall consist of this document and
the issue in effect of Raychem Specification WSD 1651
UL Style 3751

## **Insulation -**Radiation Crosslinked, Modified, Polyalkene Blend



Part	CONDUCTOR			FINISHED WIRE							
		Nominal		Conductor	Insulation		Diameter			Nominal	Copper
Number	Cross	Stranding	Diameter	Resistance	Thickness		(mm)			Weight	Weight
	Sectional	No./ diam.	(mm)	@ 20°C	Absolute	Minimum	Lower		Upper	Per Unit	Information
	Area	(mm)		(ohms/ km)	Minimum	Average	Spec	Target	Spec	Length	Only
	(mm²)		Max.	Max.	(mm)	(mm)	Limit		Limit	(kg/ km)	(g/ m)
FLCW0211-0.35-*	0.35	7/0.25	0.79	50.9	0.28	0.36	1.60	1.64	1.68	5.22	3.42
FLCW0211-0.50-*	0.50	19/0.18	0.88	40.1	0.28	0.36	1.69	1.73	1.77	6.51	4.65
FLCW0211-0.75-*	0.75	19/0.23	1.08	24.7	0.28	0.36	1.89	1.93	1.97	8.99	6.90
FLCW0211-1.00-*	1.00	19/0.25	1.21	20.0	0.28	0.36	2.02	2.06	2.10	10.7	8.49
FLCW0211-1.50-*	1.50	19/0.32	1.51	12.5	0.28	0.36	2.32	2.36	2.40	15.8	13.3
FLCW0211-2.50-*	2.50	19/0.41	1.94	7.88	0.28	0.36	2.75	2.79	2.83	25.0	22.0

COLOUR CODE:

The '\*' in the part number shall be replaced by a standard numerical colour code designator.

e.g. FLCW0211-0.50-9 Tin Plated Copper Conductor with a white insulation.

Where stripes are required wire carries two co-extruded longitudinal stripes of the same contrasting colour.

The individual stripe width is a minimum of 10% of wire circumference with an overall stripe coverage of 30% maximum.

ADDITIONAL Insulation Flaws:

TESTING: 100% Spark Test on finished wire of 5.0 kV high frequency a.c. (rms) or equivalent.

APPROVAL: Electronic Sign-off - no signatures will appear