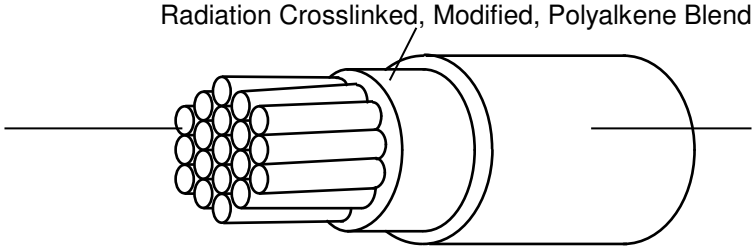
WIRE, MODIFIED FLUOROPOLYMER INSULATED, T4 (3000 Hours @ 150°C) 50 VOLT, LIGHTWEIGHT

The complete requirements for procuring the wire described herein shall consist of this document and the issue in effect of Raychem Specification WSD 1223

Insulation -
Radiation Crosslinked, Modified, Polyalkene Blend

Conductor -
Bare Copper



Jacket -
Radiation Crosslinked
Modified PVF²

Part Description	Conductor Cross Sectional Area (mm²)	Maximum Conductor Stranding No./diam. (mm)	Conductor Diameter (mm)	FINISHED WIRE							
				Conductor Resistance @20°C (Ohms/km)		Overall Insulation Thickness Min. (mm)	Diameter (mm)			Approximate Weight Per Unit Length (kg/km)	Copper Weight Information only (g/m)
							Lower Spec Limit	Target	Upper Spec Limit		
			Max.	Min.	Max.						
ACW0219-0.35-*	0.35	7/0.26	0.80	47.8	52.0	0.20	1.2	1.3	1.4	4.5	3.05
ACW0219-0.50-*	0.50	19/0.19	1.00	34.1	37.1	0.22	1.4	1.5	1.6	6.0	4.40
ACW0219-0.75-*	0.75	19/0.23	1.20	22.7	24.7	0.24	1.7	1.8	1.9	9.4	6.50
ACW0219-1.00-*	1.00	19/0.26	1.35	17.0	18.5	0.24	1.9	2.0	2.1	11	8.50
ACW0219-1.25-*	1.25	19/0.285	1.47	13.7	14.9	0.22	2.1	2.2	2.3	13.5	10.60
ACW0219-1.50-*	1.50	19/0.32	1.70	11.7	12.7	0.24	2.2	2.3	2.4	16	12.6
ACW0219-2.50-*	2.50	19/0.41	2.15	7.00	7.60	0.28	2.7	2.85	3.0	25	21.0
ACW0219-4.0-*	4.00	61/0.29	2.50	4.42	4.70	0.32	3.4	3.55	3.7	40	36.0
ACW0219-6.0-*	6.00	61/0.36	3.02	2.91	3.10	0.32	4.0	4.15	4.3	61	54.0
ACW0219-10.0-*	10.0	91/0.38	4.00	1.70	1.82	0.48	5.5	5.75	6.0	104	95.0

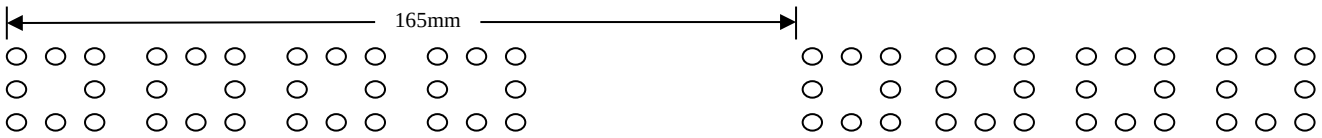
COLOUR CODE: The '*' in the part number shall be replaced by a standard numerical colour code designator. Additional number after base colour indicates stripe.
e.g. ACW0219-0.50-96 White base colour with blue stripe.

Where stripes are required, the wire carries two co-extruded longitudinal stripes of the same colour. The individual stripe width is a minimum of 10% of the wire circumference with an overall stripe coverage of 30% maximum
Co-extruded longitudinal stripes are not available on CSA size 10.0mm.

ADDITIONAL TESTING: Insulation Flaws:
100% Spark Test on Finished wire of 5.0 kV High Frequency AC RMS or equivalent.

MARKING REQUIREMENTS: All wire to be marked, with the following exceptions, Wire for:
component use,
Spooling instruction S50 and SMP-SP.
Frequency of mark:
Repeat mark along length of wire at a distance of 165 mm between the start of one mark and the start of another.
Colour of mark:
- All black base products regardless of stripe colour are to be marked using white ink.
- All other base colours except black regardless of stripe colour are to be marked using black ink.

MARK DETAIL: NOT TO SCALE



APPROVAL: Electronic approval - no signatures will appear.

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