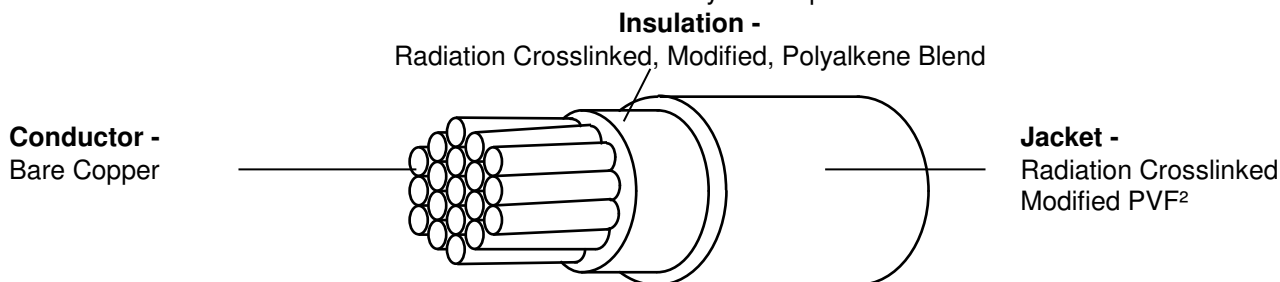




WIRE, MODIFIED FLUOROPOLYMER INSULATED, T4 (3000 Hours @ 150°C) 50 VOLT, LIGHTWEIGHT  
The complete requirements for procuring the wire described herein shall consist of this document and the issue in effect of Raychem Specification WSD 1223



Part Description	Conductor Cross Sectional Area (mm <sup>2</sup> )	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)
				Min.	Max.		Lower Spec Limit	Target	Upper Spec Limit		
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.**

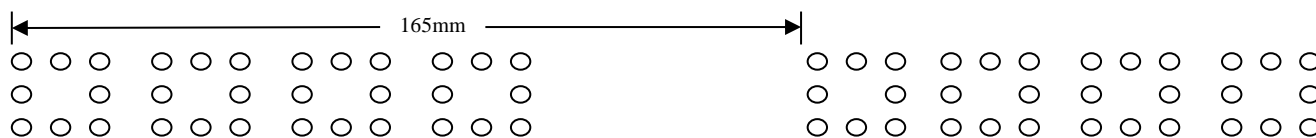
**ADDITIONAL TESTING:** Insulation Flaws: 100% Spark Test on Finished wire of 5.0 kV High Frequency AC RMS or equivalent.

**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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