

Conductor -

Bare Copper

Specification Control Drawing

ACW7219 Issue 13 30th November 2015

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Modified PVF²

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.

Insulation -Radiation Crosslinked, Modified, Polyalkene Blend Jacket -Radiation Crosslinked

Pictorial representation for description only

	Conductor					Finished Wire						
Part	Cross	Nominal	Diameter	Resistance	Minimum	[Diamete	r	We	ight	Copper	
Description	Sectional	Stranding	(mm)	@ 20°C	Overall	(mm)			Per Unit		Weight	
	Area	No./diam	Max.	(Ohms/km)	Insulation	Lower		Upper	Ler	ngth	Information	
	(mm²)	(mm)		Max.	Thickness	Spec	Target	Spec	(kg/km)		Only	
					(mm)	Limit		Limit	Nom.	Max.	(g/m)	
ACW7219-2.00-*	2.00	19/0.36	1.79	9.80	0.25	2.21	2.27	2.33		20.5	17.6	
ACW7219-8.00-*	8.00	61/0.41	3.50	2.30	0.60	4.80	4.95	5.15	90.0		85.0	

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

e.g. ACW7219-8.00-0 Black base colour.

Only available in Black (0), Black with a green stripe (05) and Red (2).

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

PERFORMANCE To be tested to and meet the requirements of the issue in effect of WSD 1776.

REQUIREMENTS:

MARKING All wire to be marked, with the following exceptions, Wire for:

REQUIREMENTS: component use,

Spooling instruction S50 and SMP-SP.

Frequency of mark:

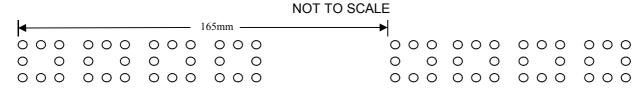
Repeat mark along length of wire at a distance of 165 mm between the start of one mark

and the start of another.

Colour of mark:

□ All products regardless of stripe colour are to be marked using white ink.

MARK DETAIL: In white ink



APPROVAL: Electronic approval - no signatures will appear.

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