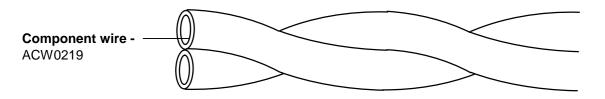


TWO CONDUCTOR CABLE, MODIFIED FLUOROPOLYMER INSULATED, T4 (3000 Hours @ 150 °C) 50 VOLT, LIGHTWEIGHT

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



Part	Conductor	Outside Diameter		Nominal	Copper
Description	Nom Cross		Upper	Weight	Weight
	Sectional		Spec		Information
	Area	Target	Limit		Only
	(mm²)	mm	mm	kg/ km	kg/ km
ACW0229-0.35-*/*	0.35	2.58	2.76	9.1	6.19
ACW0229-0.50-*/*	0.50	3.00	3.20	12.2	9.44
ACW0229-0.75-*/*	0.75	3.60	3.80	19.1	14.0
ACW0229-1.00-*/*	1.00	4.00	4.20	22.3	17.3
ACW0229-1.50-*/*	1.50	4.60	4.78	32.5	25.6
ACW0229-2.50-*/*	2.50	5.70	6.00	50.8	42.6
ACW0229-4.0-*/*	4.00	7.10	7.40	81.2	73.1

CONSTRUCTION: Lay Length shall be:

 $\begin{array}{lll} \text{ACW0229-0.35-*/*} & 25 \pm 5.0 \text{ mm} \\ \text{ACW0229-0.50-*/*} & 30 \pm 5.0 \text{ mm} \\ \text{ACW0229-0.75-*/*} & 35 \pm 5.0 \text{ mm} \\ \text{ACW0229-1.00-*/*} & 40 \pm 5.0 \text{ mm} \\ \text{ACW0229-1.50-*/*} & 50 \pm 5.0 \text{ mm} \\ \text{ACW0229-2.50-*/*} & 60 \pm 5.0 \text{ mm} \\ \text{ACW0229-4.0-*/*} & 75 \pm 5.0 \text{ mm} \end{array}$

PERFORMANCE REQUIREMENT:

Component wires shall meet all the requirements of WSD 1223.

Insulation Flaws

ADDITIONAL TESTING:

100% Spark Test on Finished wire of 5.0 kV High Frequency AC RMS or equivalent .

COLOUR CODE:

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

designator.

e.g. ACW0229-4.0-0/9, conductor size 4.0mm², cores black, white,

NB Component wires are not marked.

APPROVAL:

Electronic sign off - no signatures will appear.

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