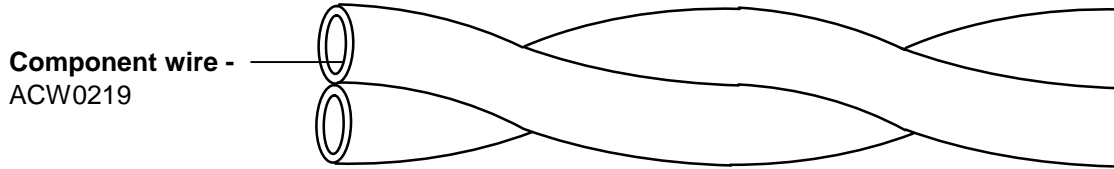


TWO CONDUCTOR CABLE, MODIFIED FLUOROPOLYMER INSULATED,  
T4 (3000 Hours @ 150 °C) 50 VOLT, LIGHTWEIGHT

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



Part Description	Conductor Nom Cross Sectional Area (mm <sup>2</sup> )	Outside Diameter		Nominal Weight kg/ km	Copper Weight Information Only kg/ km
		Target	Upper Spec Limit		
		mm	mm		
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:

ACW0229-0.35-*/*	25 ± 5.0 mm
ACW0229-0.50-*/*	30 ± 5.0 mm
ACW0229-0.75-*/*	35 ± 5.0 mm
ACW0229-1.00-*/*	40 ± 5.0 mm
ACW0229-1.50-*/*	50 ± 5.0 mm
ACW0229-2.50-*/*	60 ± 5.0 mm
ACW0229-4.0-*/*	75 ± 5.0 mm

PERFORMANCE REQUIREMENT: Component wires shall meet all the requirements of WSD 1223.

ADDITIONAL TESTING: Insulation Flaws  
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 4.0mm<sup>2</sup>, cores black, white,

NB Component wires are not marked.

APPROVAL: Electronic sign off - no signatures will appear.