

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:

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

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

REQUIREMENT:

ADDITIONAL Insulation Flaws 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.

Tyco Electronics UK Ltd Faraday Road Dorcan SWINDON SN3 5HH Tel: +44 (0)1793 528171 Fax: +44 (0)1793 572516 TE Connectivity is a trading name of Tyco Electronics UK Ltd, which is registered in England and Wales, number 550926. Registered office: Faraday Road, Dorcan, Swindon, SN3 5HH Website: www.te.com This drawing and the information set forth hereon are the property of Tyco Electronics UK Ltd, and are to be held in trust and confidence. Publication, duplication, disclosure or use for any purpose not expressly authorised in writing by Tyco Electronics UK Ltd is prohibited.

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