

Page 1 of 2 Page 2 is for internal use only

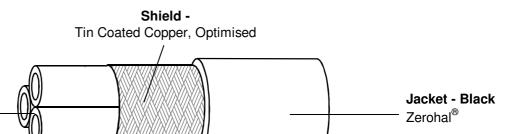


Component wire -

100G0111

## THREE CONDUCTOR CABLE, HALOGEN FREE INSULATION, SHIELDED AND HALOGEN FREE JACKETED, $750/1300~\rm VOLT~AC,~105^{\circ}C$

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



Part	Nominal		Shield	Jacket Thickness		Overall Diameter		Maximum
Description	Cross	Equivalent	Size	(mm)		(mm)		Weight
	Sectional	AWG	(mm)					(kg/ km)
	Area	Size						
	(mm²)			Min.	Nom.	Nom.	Max.	
100G1131-0.15-*/*/*-*	0.15	26	0.10	0.22	0.30	3.26	3.39	20.0
100G1131-0.25-*/*/*-*	0.25	24	0.13	0.22	0.30	3.60	3.77	26.9
100G1131-0.40-*/*/*-*	0.40	22	0.13	0.22	0.30	4.04	4.20	34.0
100G1131-0.50-*/*/*-*	0.50	-	0.13	0.22	0.30	4.23	4.38	39.5
100G1131-0.60-*/*/*-*	0.60	20	0.13	0.22	0.30	4.40	4.55	43.6
100G1131-0.75-*/*/*-*	0.75	-	0.13	0.22	0.30	4.70	4.86	49.3
100G1131-1.00-*/*/*-*	1.00	18	0.13	0.22	0.30	4.93	5.09	56.2
100G1131-1.20-*/*/*-*	1.20	16	0.13	0.22	0.30	5.25	5.41	67.4
100G1131-1.50-*/*/*-*	1.50	15	0.13	0.22	0.30	5.65	5.85	76.5
100G1131-2.00-*/*/*-*	2.00	14	0.13	0.22	0.30	6.26	6.53	95.4
100G1131-2.50-*/*/*-*	2.50	13	0.13	0.22	0.30	6.70	6.85	111
100G1131-3.00-*/*/*-*	3.00	12	0.13	0.22	0.30	7.15	7.31	131
100G1131-4.00-*/*/*-*	4.00	-	0.13	0.22	0.30	7.83	7.98	173

'Zerohal' is a registered trademark of Tyco Electronics Corporation

**COLOUR CODE:** 

The '\*' in the part description shall be replaced by a standard colour code designator in accordance with Mil Std 681.

e.g. 100G1131-1.00-2/6/9-0, cores red, blue and white, jacket black.

PERFORMANCE REQUIREMENTS To be tested to and meet the requirements of the issue in effect of TE Specification WCD2015, except that the minimum jacket elongation at break shall be 125%.

This product will have components available in the full colour range and may be marked or unmarked in accordance with the order.

Standard outer jacket black but other colours available on request.

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 5H4 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.

This specification sheet takes precedence over documents referenced herein. As Tyco Electronics UK Ltd. reserve the right to make changes in construction without notice please contact Tyco Electronics UK Ltd to ensure that this document is the latest issue.