



Westpac Co-Polymer Rail Signalling Cable



Eland Product Group: A5R

APPLICATION

Co-Polymer cable manufactured to Westinghouse Brake & Signal Co. specification D.S.C.E 1010 for Invensys Signalling system rail applications.

CHARACTERISTICS

Voltage Rating Uo/U
250/440 V

CONSTRUCTION

Conductor

Class 2 Stranded Tinned Annealed Copper

Insulation

Extruded PVC (Polyvinyl Chloride)

Tape

Polyester

Outer Sheath

PVC (Polyvinyl Chloride)

Core Identification

○ White ● Black

Sheath Colour

● Black

CABLE THIRD-PARTY ACCREDITATION



Network Rail (NR) certified and PADS listed as meeting the requirements for installation on their network

Network Rail Certificate of Acceptance No: PA015/02715

STANDARDS

IEC 60228, IEC 60332-3-24 (Cat C)

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



SCIENCE
BASED
TARGETS

**BUSINESS
AMBITION FOR 1.5°C**



REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].





DIMENSIONS

ELAND PART NO.	NO. OF CORES	CONDUCTOR STRANDING mm	CONDUCTOR DIAMETER mm	INSULATION RADIAL THICKNESS mm	INSULATION DIAMETER mm	LAY UP DIAMETER mm	SHEATH RADIAL THICKNESS mm	SHEATH DIAMETER mm
006/160860	1	9/0.30	1.14	0.56	2.26	-	-	-
006/160875	7	9/0.30	1.14	0.56	2.26	6.83	0.90	8.63
006/160885	12	9/0.30	1.14	0.56	2.26	9.45	1.00	11.45
006/160887	19	9/0.30	1.14	0.56	2.26	11.40	1.10	13.60
006/160905	37	9/0.30	1.14	0.56	2.26	15.92	1.30	18.52
006/160916	48	9/0.30	1.14	0.56	2.26	18.45	1.40	21.25

ELECTRICAL CHARACTERISTICS

MAXIMUM CONDUCTOR RESISTANCE AT 20°C Ω/km	MINIMUM INSULATION RESISTANCE $\text{M}\Omega/\text{km}$
31	500

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.