



# 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** U<sub>o</sub>/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

## 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 MΩ/km
31	500

## 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

## CABLE STANDARDS

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

## ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



8578



F5 672069



EMS 672067

OHS 672066

## REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.



KM 034267

