



NR/PS/SIG/00005 Signalling Type C1, C2, C3 Cable



Eland Product Group: A5R

APPLICATION

Heavy duty signalling cable suitable for tails.

CHARACTERISTICS

Voltage Rating Uo/U
6.5/1.1kV

Temperature Rating
-25°C to +85°C

CONSTRUCTION

Conductor
Class 5 tinned conductor

Insulation
EPR (Ethylene Propylene Rubber)

Drain Wire
Type C3 only

Screen (C3 only)
AL (Aluminium Tape)

Separator
PET (Polyethylene Terephthalate)

Sheath
HDPCP (Heavy Duty Polychloroprene)

Sheath Colour
● Black

CABLE THIRD-PARTY ACCREDITATION



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

STANDARDS

NR/PS/SIG/00005, BS EN 60228

Flame Retardant according to BS EN / IEC 60332-1-2

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.



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™.





DIMENSIONS

ELAND PART NO.	NETWORK RAIL PART NO. / PADS	CABLE TYPE	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	MINIMUM THICKNESS OF SHEATH mm	MINIMUM OVERALL DIAMETER mm	MAXIMUM OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A5RC101025	006/120130	C1	1	2.5	3.8	11.2	14	174
A5RC202025	006/120140	C2	2	2.5	3.8	14.9	18.8	338
A5RC204025	006/120141	C2	4	2.5	3.8	16.4	20.9	450
A5RC207025	006/120142	C2	7	2.5	3.8	18.7	23.7	612
A5RC210025	006/120143	C2	10	2.5	3.8	22.5	28.6	836
A5RC2060075/6PR	006/120120	C2	6 x 2	0.75	3.8	23.2	29.3	868
A5RC212025	006/120144	C2	12	2.5	3.8	23.2	29.3	909
A5RC216025	006/120145	C2	16	2.5	3.8	25.3	32	985
A5RC010025NR	006/160086	C3	2 + Drain	2.5	3.8	15	20	341

CONDUCTORS

NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM NO. OF WIRES IN CONDUCTOR mm	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
		Metal-Coated Wires
0.75	0.4	26.7
2.5	0.26	8.21

The above table is in accordance with BS EN 60228 (previously BS 6360)