

Signalling Cable Type C1, C2, C3 TPWS

Eland Product Group **A5R**



Application

Heavy Duty Signalling cable suitable for tails.

Standards

NR/PS/SIG/00005 (formerly RT/E/PS/00005)

Technical Data

Conductor

Class 5 tinned conductor to BS EN 60228:2005 (previously BS6360)

Insulation

EPR (Ethylene Propylene Rubber)
Type GP4 to BS7655

Drain Wire

Type C3 only

Separator

PETP (Polyethylene Terephthalate)

Sheath

HDPCP (Heavy Duty Polychloroprene)
Type RS2 to BS7655

Sheath Colour

Black

Voltage Rating

650/1100V

Temperature Rating

-25°C to +85°C

Dimensions

Eland Part Number	Rail Catalogue Number	Cable Type	No. of Cores x Nominal Cross Sectional Area # x mm ²	No. and Nominal Diameter of Strands #/mm	Nominal Thickness of Sheath mm	Overall Diameter Min. mm	Overall Diameter Max. mm	Nominal Weight kg/Km
A5RC101025	006/120130	C1	1 x 2.5	50/0.25	3.8	11.2	14.0	174
A5RC202025	006/120140	C2	2 x 2.5	50/0.25	3.8	14.9	18.8	338
A5RC204025	006/120141	C2	4 x 2.5	50/0.25	3.8	16.4	20.9	450
A5RC207025	006/120142	C2	7 x 2.5	50/0.25	3.8	18.7	23.7	612
A5RC210025	006/120143	C2	10 x 2.5	50/0.25	3.8	22.5	28.6	836
A5RC212025	006/120144	C2	12 x 2.5	50/0.25	3.8	23.2	29.3	909
A5RC010025NR	006/160086	C3 TPWS	1 x 2 x 2.5	50/0.25	3.8	15.0	20.0	341

Conductors

Class 5 flexible Copper Conductors for Single Core and Multi-Core cables

1 Nominal Cross Sectional Area mm ²	2 Maximum Diameter of Wires in Conductor mm	4 Maximum Resistance of Conductor at 20°C
		Metal-Coated Wires ohms/Km
2.50	0.26	8.2100

Table in accordance with BS EN 60228:2005 (previously BS6360)

The information contained within this datasheet is for guidance only. When selecting accessories such as cleats, glands, etc please note that actual cable dimensions may vary due to manufacturing tolerances.