

# Points Heating Cable

Eland Product Group **A5RPH**



## Application

Designed for power distribution in points heating systems. These heavy duty cables offer protection from abrasion and mechanical impact whilst maintaining flexibility to ease installation.

## Standards

NR/SP/ELP/40045 (formerly RT/E/PS/40045) BS7919

## Technical Data

### Conductor

Class 5 flexible tinned copper conductors to BS EN 60228:2005 (previously BS6360)

### Insulation

EPR (Ethylene Propylene Rubber) insulation  
Type GP4 to BS7655

### Separator

Unspecified material

### Sheath

PCP (Polychloroprene) Type EM2 to BS7655

### Sheath Colour

Black

### Core Identification

4 cores (in order of rotation): yellow/yellow, blue/blue

8 cores (in order of rotation): yellow/yellow, blue/blue, brown/brown, black/black

## Dimensions

Eland Part Number	Rail Catalogue Number	Number of Cores	Nominal Conductor Area mm <sup>2</sup>	No. and Diameter of Strands #/mm	Overall Diameter Min. mm	Overall Diameter Max. mm	Nominal Weight kg/Km	Thickness of Insulation mm
A5RPH04015	006/150002	4	1.5	30/0.25	13.80	14.30	220	0.8
A5RPH04025	-	4	2.5	50/0.25	16.00	16.50	390	0.9
A5RPH04040	-	4	4.0	56/0.30	18.00	18.50	420	1.0
A5RPH08015	006/153102	8	1.5	30/0.25	17.90	18.50	460	0.8
A5RPH08025	-	8	2.5	50/0.25	21.00	21.80	690	0.9
A5RPH08040	006/153103	8	4.0	56/0.30	22.60	23.60	830	1.0
A5RPH08060	-	8	6.0	84/0.30	24.50	25.50	1010	1.0

## Conductors

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

1 Nominal Cross Sectional Area mm <sup>2</sup>	2 Maximum Diameter of Wires in Conductor mm	4 Maximum Resistance of Conductor at 20°C
		Metal-Coated Wires ohms/Km
1.50	0.26	13.7000
2.50	0.26	8.2100
4.00	0.31	5.0900
6.00	0.31	3.3900

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.