

Points Heating Cables

Eland Product Group Reference **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

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 ²	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	2	4
Nominal Cross Sectional Area mm ²	Maximum Diameter of Wires in Conductor mm	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)