

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)



WWW.CABLEJOINTS.CO.UK
THORNE & DERRICK UK
TEL 0044 191 490 1547 FAX 0044 477 5371
TEL 0044 117 977 4647 FAX 0044 977 5582
WWW.THORNEANDDERRICK.CO.UK