

'Socapex' Extra Flexible Cable

Eland Product Group **A5Y**

Application

This extra flexible multi-core control cable is particularly suitable for use with Socapex connectors within audio engineering applications.

Standards

Generally to VDE 0295

Conductor

Plain Copper Class 5

Insulation

PVC (Polyvinyl Chloride)

Sheath

Lead-free PVC (Polyvinyl Chloride)

Sheath Colour

Black

Voltage Rating

300/500V

Temperature Rating

Fixed: -30°C to +70°C

Flexing: -5°C to +70°C

Minimum Bending Radius

Fixed: 4 x overall diameter

Flexing: 7.5 x overall diameter

Core Identification

Black with White numbers (optional coloured cores) can include Green/Yellow core in outer layer to be used as protective conductor.



Dimensions

Eland Part Number	No. of Cores x Nominal Cross Sectional Area # x mm ²	Nominal Overall Diameter mm	Nominal Weight kg/Km
A5Y18015BK	18 x 1.5	14.6	391
A5Y18025BK	18 x 2.5	18.1	629

Conductors

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

1	2	3
Nominal Cross Sectional Area mm ²	Maximum Diameter of Wires in Conductor mm	Maximum Resistance of Conductor at 20°C
		Plain Wires ohms/Km
1.50	0.26	13.3000
2.50	0.26	7.9800

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