

'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

Technical Data

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 Nominal Cross Sectional Area mm ²	2 Maximum Diameter of Wires in Conductor mm	3 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)

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.