

## DIMENSIONS

No. Of Cores	Nominal Cross Sectional Area mm <sup>2</sup>	Nominal Thickness Of Insulation mm	Nominal Thickness Of Sheath mm	Nominal Overall Diameter H x W mm	Nominal Weight kg/km
2	0.5	0.5	0.6	3.35 x 5	30
2	0.75	0.5	0.6	3.5 x 5.5	37

\*Eland Part No. shown above designate the sheath colour (\*). For each colour substitute \* for a colour code as listed below. e.g. A3Y020050BK FLAT = 0.5mm<sup>2</sup> Black

### Colour Codes

COLOUR	White	Black
CODE	WH	BK

## CONDUCTORS

### Class 5 Flexible Copper Conductors for Single Core and Multi-Core Cables

Nominal Cross Sectional Area mm <sup>2</sup>	Maximum Diameter Of Wires In Conductor mm	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C	
		Plain Wires ohms/km	Metal-Coated Wires ohms/km
0.5	0.21	39	40.1
0.75	0.21	26	26.7

The above table is in accordance with BS EN 60228 (previously BS 6360)

## ELECTRICAL CHARACTERISTICS

### Current Carrying Capacity and Mass Supportable

Nominal Cross Sectional Area mm <sup>2</sup>	Current Carrying Capacity		Maximum Mass Supportable By Twin Flexible Cord (See Regulations 522.7.2 and 559.6.1.5 of the 17th Edition of IEE Wiring Regulations) kg
	Single-Phase AC Amps	Three-Phase AC Amps	
0.5	3	3	2
0.75	6	6	3

### Voltage Drop

Nominal Cross Sectional Area mm <sup>2</sup>	DC Or Single-Phase AC mV/A/m	Three-Phase AC mV/A/m
0.5	93	80
0.75	62	54

## DE-RATING FACTORS

### 60°C Thermoplastic or Thermosetting Insulated Cords

Air Temperature	35°C	40°C	45°C	50°C	55°C
De-Rating Factor	0.91	0.82	0.71	0.58	0.41