



### Construction

High conductivity bunched flexible copper conductors, insulated and colour coded with general purpose flexible grade PVC. Insulated cores are twisted and filled with PVC to give the cable a round finish. Final protection is with a tightly bonded, water, oil and abrasion resistant PVC/rubber blend nitrile sheath.

### Applications

The supply of power to all types of indoor and outdoor mobile and portable machinery in wet, oily, all weather conditions. Used on buildings and construction sites, in workshops, mines, dockyards, opencast mining operations, railways, road works and factories.

### Specification (SABS 1507)

Voltage Rating	600/1000 Volts
Test Voltage	3000 Volts
Current Capacity AC	As per table below
Temperature Range	-10° to +80°C
Flexibility Class	4 & 5
Conductor Type	High conductivity annealed copper
Insulation Material	Flexible grade PVC
Sheath Material	PVC/Rubber Blend Nitrile
Sheath Colour	Orange
Core Colours	Red, Yellow, Blue, Black
Bending Radius	8 x Diameter of cable

### Packaging

Available in 500 metre drums. Cut lengths are also available on request.

This product is sequentially marked at one metre intervals for your convenience and security.

### TECHNICAL DATA

PRODUCT CODE	Size mm <sup>2</sup>	Stranding No x Dia	Nominal Amps	mV drop Amps / m		Nominal Dia mm	Mass kg/100m
				1 ph 220V	3ph 380V		
PT01.5X40R	1.5	28 x 0.26	15	29	25	10.9	17.38
PT02.5X40R	2.5	44 x 0.26	20	18	15	12.0	22.79
PT04.0X40R	4.0	49 x 0.31	27	11	9.5	14.7	34.80
PT06.0X40R	6.0	74 x 0.31	34	7.3	6.4	16.1	45.28
PT10X40R	10.0	126 x 0.31	46	4.4	3.8	19.1	69.80
PT16X40R	16.0	200 x 0.31	62	2.8	2.4	21.3	96.10
PT25X40R	25.0	180 x 0.41	80	1.75	1.5	26.3	147.30
PT35X40R	35.0	252 x 0.41	99	1.25	1.1	31.7	213.10