

ALVERN CABLES SABS 1507

Construction

High conductivity bunched flexible copper conductors with primary insulation of general purpose grade PVC and a tightly bonded water and oil resistant PVC/rubber nitrile blend sheath.

Applications

PERMOPower is manufactured to SABS 1507 specification, is flexible, and rated at 1000 volts. It can be used on all types of indoor and outdoor panel and power equipment. PERMOPower is an excellent replacement for large, rigid type stranded house wires, and is quick to install in ducts, shafts, switchboards, trunking, conduits, transformer connections, large borehole pumps and many types of wiring applications in confined spaces.

Specification (SABS 1507)

Voltage Rating	1000 Volts
Test Voltage	6000 Volts
Current Capacity AC	As per table below
Temperature Range	-10° to +80°C
Flexibility Class	4 & 5
Conductor Type	High conductivity annealed copper
Sheath Material	PVC/Rubber nitrile blend
Colour Options	Blue, Black, Green/Yellow, Red (Standard Welding Colours + Phase Colours)

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 ²	Stranding No x Dia	Nominal Dia	Mass kg/100m	600/1000V Cubicle Wiring Amp Ratings	
					1ph 220V	3ph 380V
PP016#	16	120 x 0.41	9.4	21.9	76	68
PP025#	25	180 x 0.41	10.4	30.33	101	89
PP035#	35	252 x 0.41	11.8	41.44	125	110
PP050#	50	366 x 0.41	14.4	59.88	151	134
PP070#	70	516 x 0.41	17.1	83.0	192	171
PP095#	95	456 x 0.501	18.6	107.06	232	207
PP120#	120	582 x 0.501	21.3	136.92	269	239
PP150#	150	762 x 0.501	24.7	179.32	300	262
PP185#	185	924 x 0.501	26.8	220.10	341	296

When ordering, insert colour code here, (Refer to page 1 for colour codes)