

ALVERN CABLES SABS 1507 - 4

Construction

High conductivity bunched, stranded copper conductors, insulated and colour coded XLPE. Insulated cores are twisted and filled with PVC to give the cable a round finish. It is armoured with a galvanized steel wire. Final protection is tightly bonded, with a Flame Retardant, Low Halogen PVC.

Applications

To supply power to all types of fixed installations.

Specification (SANS 1507-4)

Voltage Rating	600/1000 Volts
Test Voltage	6000 Volts
Current Capacity AC	As per table below
Temperature Range	-10° to +80°C
Bending Radius	15 x Cable Diameter
Protection	Steel wire
Flexibility Class	1 & 2
Conductor Types	High conductivity annealed copper
Insulation Material	PVC
Sheath Material	Flame Retardant PVC/Flame Retardant - Low Halogen
Sheath Colour	Black with Blue Stripe
Core Colours	2 core - Red, Black
	3 core - Red, Yellow, Blue
	4 core - Red, Yellow, Blue, Black

Packaging

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

TECHNICAL DATA

PRODUCT CODE	Size mm ²	Nominal Amps	mV drop Amps / mtr	Nominal Dia as / No. of Cores			Mass kg/100m		
				2C	3C	4C	2C	3C	4C
SWA 1.5x*	1.5	18	25.0	11.9	14.13	14.95	27	45	50
SWA 2.5x*	2.5	25	15.0	12.6	15.23	16.18	31	52	59
SWA 4.0x*	4	33	9.50	14.4	17.02	18.39	38	67	76
SWA 6.0x*	6	42	6.40	15.4	18.40	19.72	46	79	91
SWA 10.0x*	10	58	3.80	19	20.41	21.96	83	99	117
SWA 16.0x*	16	77	2.40	20	22.37	25.92	118	130	177

* Refer number of cores here.