

ALVERN CABLES SABS 1507 - 2

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Construction

High conductivity solid or stranded plain annealed copper conductors, insulated and colour coded with hard grade PVC, covered in an aluminium/PVC laminate foil in contact with the tinned earth wire and bonded to a sheath of hard grade PVC finished in a circular configuration.

Applications

ALFIX is for direct installation without further protection on walls, in roofs, floors and under plaster in houses, offices and buildings. It's neat appearance allows for surface installation. As ALFIX is manufactured to SABS 1507, it is approved by municipalities and other major utility companies and is also used by electrical contractors and electricians.

Specification

(SABS 1507 - 2)

Voltage Rating	300/500 Volts
Test Voltage	2250 Volts
Current Capacity AC	As per table below
Temperature Range	-10° to +80°C
Minimum Bending Radius	15 x Cable Diameter
Protection	Aluminium Foil
Flexibility Class	1 & 2
Conductor Type	High conductivity annealed copper
Insulation Material	Hard grade abrasion resistant PVC
Sheath Material	Hard grade abrasion resistant PVC
Sheath Colours	White and Black
Core Colours	2 core - Red and Black, Tinned earth wire
	3 core - Red, Yellow and Blue, Tinned earth wire
	4 core - Red, Yellow, Blue and Black, Tinned earth wire

Packaging

Available in shrink-wrapped 100 metre coils.
1000 metre drums available on request.

TECHNICAL DATA

PRODUCT CODE	Size mm ²	No. of Cores	Earth mm ²	Nominal Amps	Nominal Breadth & Height	Mass kg/100m
AF1.5X2+E#	1.5	2 + E	1.0	22	7.1	8.29
AF1.5X3+E#	1.5	3 + E	1.0	19	7.8	10.49
AF1.5X4+E#	1.5	4 + E	1.0	19	8.5	13.00
AF2.5X2+E#	2.5	2 + E	1.5	30	8.5	11.76
AF2.5X3+E#	2.5	3 + E	1.5	25	9.0	15.13
AF2.5X4+E#	2.5	4 + E	1.5	25	9.9	18.91
AF4.0X2+E#	4.0	2 + E	1.5	40	10.2	17.2
AF4.0X3+E#	4.0	3 + E	1.5	34	10.9	22.72
AF4.0X4+E#	4.0	4 + E	1.5	34	11.9	28.61
AF6.0X2+E#	6.0	2 + E	2.5	51	11.3	25.83
AF6.0X3+E#	6.0	3 + E	2.5	43	12.1	31.13
AF6.0X4+E#	6.0	4 + E	2.5	43	13.3	39.24

When ordering, insert colour code here (Refer to Page 1)