



Cable Description

High conductivity plain soft stranded copper conductors to SANS 1411.

Installation Information

For the wiring of earthing circuits where general house wiring is used.

- 1,5mm²- Amp's @ 30°C = 20
- 2,5mm²- Amp's @ 30°C = 27
- 4,00mm²- Amp's @ 30°C = 37
- 6,00mm²- Amp's @ 30°C = 70

Properties

- Specification : SANS 1411-1
- Temperature Range : -10°C to 70°C
- Sheath Identification : Copper
- Packaging : 1,5mm²- 6mm², 5kg & 25kg coils
- : 10mm²- 16mm², 25kg & 500kg wooden drums
- : 25mm²- 240mm² & 500kg wooden drums

Technical Data

Conductor Size	Nominal Stranding	Approximate Meters
(mm ²)	(No. x Diameter)	(mm.kg)
1,5	7/0,53	72,22
2,5	7/0,66	46,62
4	7/0,85	27,46
6	7/1,04	18,75
10	7/1,35	11,13
16	7/1,67	7,27
25	19/1,38*	4,54
35	19/1,62*	3,34
50	19/1,88*	2,46
70	19/2,28*	1,56
95	19/2,50	1,13
120	37/2,03	0,91
150	37/2,28	0,739
185	37/2,50	0,599
240	37/2,98	0,450

* Note : Compacted conductors

Example : Customer requires : 180m of 70mm² Copper Earth, Wire. 1kg of 70mm² Copper is therefore = 1,58m.
So 180m divided by 1,58 = 113,92kg say 114kg