



CABLE DESCRIPTION

Copper conductors to SANS 1411 Part 1, PVC insulated to SANS 1411 Part 2, laid up with a bare copper earth-continuity-conductor between them, PVC sheathed to SANS 1411 Part 2.

INSTALLATION INFORMATION

Complies with SANS 10142/2001 "Code of Practice for the wiring of Premises" Section 6.

- Surface wiring
- Under-plaster wiring
- Wiring in hollow walls
- Roof access wiring

PROPERTIES

- Specification : SANS 1574
- Temperature Range : -10°C to 70°C
- Voltage Rating : 300 / 500 V
- Sheath Identification : White & Black
- Core Identification : 2 Core - Red & Black
3 Core - Red, Yellow, Blue
4 Core - Red, Yellow, Blue, Black
- Packaging : 100m shrink-wrapped coils
Available in 500 & 1000 metre wooden drums on request

TECHNICAL DATA

Cable Size * (mm ²)		Electrical Properties					Physical Properties	
		Conductor Resistance (dc @ 20° C) (Ω/km)		Current Rating ** (A)	Volt Drop *** (mV/A/m)	1 Sec Short Circuit Rating (kA)	Overall Diameter (Approx.) (mm)	Cable Mass (Approx.) (kg/100m)
Phase	Earth	Phase	Earth					
2 Core								
1,5	1	12,1	18,1	17	29	0,14	8,7 x 4,7	8,7
2,5	1,5	7,4	12,1	23	18	0,24	10,3 x 5,5	12,8
4	1,5	4,61	12,1	30	11	0,38	11,9 x 6,4	17,5
6	2,5	3,08	7,41	38	7,3	0,58	13,4 x 7,0	23,3
10	4	1,83	4,61	52	4,4	0,96	16,5 x 8,3	36,1
16	6	1,15	3,08	69	2,8	1,54	18,7 x 9,2	51,6
3 Core								
1	1	18,2	18,2	12	38	0,11	4,4 x 10,4	8,9
1,5	1	12,1	18,2	15	25	0,14	4,8 x 10,5	9,9
2,5	1,5	7,4	12,2	20	15	0,24	5,5 x 12,3	14,1
4 Core								
1	1	18,2	18,2	12	38	0,11	4,4 x 13,0	11,4
1,5	1	12,1	18,2	15	25	0,14	4,8 x 14,5	14,5

* Conductors larger than 2,5mm² are usually stranded.

** Maximum conductor temperature 70° C, and installed as per installation Method 3 of SANS 10142-1.

*** 2 Core - Volt drop is phase to Neutral (ie. Single-phase).

3 and 4 Core - Volt drop is phase-to-phase. (ie. Three phase AC).