



Cable Description

High conductivity bunched plain flexible copper conductors to SANS 1411 Part 1. Insulated with general purpose flexible grade PVC in all colours to SANS 1411 Part 2.

Installation Information

For the wiring of all types of:

- Control panels
- Light fittings
- Communication panels
- Appliances

Properties

- Specification : SANS 1574-3
- Temperature Range : -10°C to 70°C
- Voltage Rating : 300 / 500V and 600 / 1000V
- Core Identification : Blue, Black, Brown, Yellow/Green, Orange, Pink, Violet, Grey, White, Red
- Packaging : 100m shrink-wrapped coils
- : 500m lengths available on request
- : 2500m, 4000m and 7000m lengths down coiled into cardboard barrels available on request. (depending on size)

Technical Data

Cable Size	Nominal Stranding No. x diameter	Approx. Overall Diameter	Current Rating *	Conductor Resistance @ 20°C Maximum	1φ Volt Drop	Approx. Cable Mass per 100m Coil
(mm ²)		(mm)	(A)	(W/km)	(mV/A/m)	(kg)
600 / 1000V						
0,5	15/0,2	2,6	11	39	93,3	1,1
0,75	23/0,2	2,8	14	26	62,2	1,3
1	30/0,2	3,0	16	19,5	46,7	1,6
1,5	44/0,2	3,3	20	13,3	31,8	2,2
2,5	72/0,2	3,7	26	7,98	19,1	3,1
4	112/0,2	4,8	35	4,95	11,8	4,9
6	175/0,2	5,3	43	3,30	7,9	7,3
10	294/0,2	9,1	58	1,91	4,6	11,1
16	462/0,2	10,0	75	1,21	2,9	16,7
25	721/0,21	12,7	100	0,780	1,9	27,1
35	1026/0,21	14,5	122	0,55	1,3	35,8

- * Note:
- Assumed ambient air temperature is 30°C.
 - Assumed maximum conductor temperature is 70°C.
 - Rating for 2 wires only