



CABLE DESCRIPTION

High conductivity bunched plain flexible copper conductors to SANS 1411 Part 1. 2 Core insulated with general purpose flexible grade PVC to SANS 1411 Part 2.

INSTALLATION INFORMATION

For the wiring of:

- Audio and Visual Equipment
- Solar Power Industry

PROPERTIES

Specification : ABERDARE Specification
 Temperature Range : -10°C to 70°C
 Voltage Rating : 300 / 300 V
 Core Identification : Transparent with Blue Stripe
 Packaging : 100m shrink-wrapped coils or
 100m reels

TECHNICAL DATA

Cable Size	Nominal Stranding No. x diameter	Approx. Overall Diameter	Current Rating *	Conductor Resistance @ 20°C Maximum	1 ϕ Volt Drop	Approx. Cable Mass per 100m Coil
(mm ²)		(mm)	(A)	(Ω /km)	(mV/A/m)	(kg)
1,00	30/0,2	2,9 x 5,8	10	19,5	46	3,6
1,6	51/0,2	4,1 x 8,2	16	11	33	6,3
3,0	90/0,2	5,5 x 11	29	6,5	16	10,2

* **Note:** - Assumed ambient air temperature 30°C.
 - Assumed maximum conductor temperature 70°C.