



### 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 all types of:

- Intercoms
- Alarm Systems
- Solar Industry
- Audio and Visual Equipment

### Properties

- Specification : ABERDARE Specification
- Temperature Range : -10°C to 70°C
- Core Identification : Standard Colours - White, Brown, Grey, Black, Transparent and Red with Black Stripe
- : Other Colours available on request
- Packaging : 100m shrink-wrapped coils / 500m lengths available on request

### Technical Data

Cable Size	Nominal Stranding No. x diameter	Approx. Overall Diameter	Current Rating *	Conductor Resistance @ 20°C Maximum	1 $\phi$ Volt Drop	Approx. Cable Mass per 100m Coil
(mm <sup>2</sup> )		(mm)	(A)	( $\Omega$ /km)	(mV/A/m)	(kg)
0,2	7/0,2	1,6 x 3,2	1	92	248	0,95
0,4	11/0,2	2,1 x 4,2	2	48,8	98	1,6
0,5	15/0,2	2,5 x 5,0	3	39	93	2,2
0,75	23/0,2	2,7 x 5,4	6	26	62	2,8
1,00	30/0,2	2,9 x 5,8	10	19,5	46	3,6
1,5	44/0,2	3,2 x 6,4	16	13,3	32	4,3
2,5	72/0,2	3,9 x 7,9	25	7,98	19	6,9
4	112/0,2	4,7 x 9,4	32	4,96	12	10,9

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