



### Cable Description

High conductivity annealed stranded copper conductors to SANS 1411 Part 1. Insulated with PVC and skin coloured in plain colours to SANS 1411 Part 2. Cable is manufactured to SANS 1507 Part 2.

### Installation Information

For the wiring of Industrial Buildings, Housing, Control Panels.

### Properties

Specification	: SANS 1507-2
Temperature Range	: -10°C to 70°C
Voltage Rating	: 600 / 1000V
Core Identification	: Complete range of colours
Packaging	: 100m shrink-wrapped perforated coils / 500m reels

### 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)
<b>600 / 1000 V</b>						
1	7/0,42	3,0	17	18,1	43	1,7
1,5	7/0,53	3,3	21	12,1	29	2,2
2,5	7/0,66**	3,6	27	7,41	18	3,2
4	7/0,86**	4,5	36	4,61	11	5,2
6	7/1,04**	5,0	45	3,08	7,4	7,0
10	7/1,35**	6,0	61	1,83	4,4	11,1
16	7/1,67**	6,9	78	1,15	2,8	16,7

**\* Note:** - Rating based on two touching cables, installed in a duct.  
- Assumed ambient air temperature is 30°C.  
- Assumed maximum conductor temperature is 70°C.

**\*\* Note:** - Compacted Conductors