



CABLE DESCRIPTION

High conductivity bunched plain flexible copper conductors to SANS 1411 Part 1. Insulated with general purpose PVC Type D2 to SANS 1411 Part 2 and sheathed with general purpose PVC type S3 to SANS 1411 Part 2.

INSTALLATION INFORMATION

■ Used throughout the general automotive industry.

PROPERTIES

Specification	: SANS 1017 AFAA
Temperature Range	: -10°C to 70°C
Voltage Rating	: 100 V Maximum
Core Identification	: 2 Core - Red, Black 3 Core - Red, Black, Green 5 Core - White, Black, Brown, Yellow, Blue 7 Core - Black, Yellow, Red, Green, White, Blue, Brown
Packaging	: Shrink-wrapped - coils of 30m or 100m - reels of 30m, 100m & 500m

TECHNICAL DATA

Cable Size	Number of Cores	Conductor Resistance @ 20°C	Current Rating *		Volt Drop		Approximate Overall Diameter	Approximate Cable Mass
			1φ	3φ	1φ	3φ		
(mm ²)		(Ω/km)	(A)		(mV/A/m)		(mm)	(kg/100m)
0,75	2	24,5	6	6	60	52	5,4	5,2
	3		6	6			5,7	5,7
	5		6	6	62	54	7,1	9,4
	7		6	6			7,9	12,3
1,6	3	11	16	16	33	27	7,8	10,8
	5		16	16			9,6	16,3
	7		16	16			10,5	21,0
**1,6mm ² x 6 core + 2,5mm ² x 1Core		11	16	16	33	27	10,7	21,5

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

****Note:** - Data based on 1,6mm² Core