

**PACKAGING**

Wooden drums

300m & 500m

DESCRIPTION:

Plain Annealed copper conductors, PVC insulated, PVC, Bedded, Galvanised Steel Wire
Armour, PVC (FR) Sheath

APPLICATION:

These cables may be used for main power distribution in general industries, houses and commercial buildings. These cables are suitable for direct burial installations as well as in air or ducts. The flame retardancy in the PVC of the cable prevents the spread of fire

SPECIFICATION: SANS 1507-3

Voltage Rating: 600/1000V

Sheath Colours: Black with Red stripe

Core Colours: 2 core - Black and Red

3 core - Red, Yellow and Blue

4 core - Red, Yellow, Blue and Black

7 core - Red, Yellow, Blue, Black, Violet, Brown and Orange

TECHNICAL INFORMATION

CABLE SIZE (mm ²)	APPROX. OVERALL DIAMETER (mm)				CURRENT RATING NOTE 1 (A)		VOLT DROP NOTE 1 (MV/A/M)	APPROX. CABLE WEIGHT MASS PER 100M COIL (kg)			
	2C	3C	4C	7C	2C	3, 4, & 7C		2C	3C	4C	7C
1.5	13.9	14.4	17.2	17.2	21	18	29	38	44	48	61
2.5	14.6	15.2	16.2	18.3	28	25	18	44	49	56	74
4	16.7	17.4	18.9	21.2	38	33	11	56	64	73	99
6	17.8	18.8	20.2	23.2	49	42	7.3	67	77	88	119
10	19.9	20.8	22.5	-	67	58	4.4	84	96	113	-
16	17.8	20.1	22.2	-	89	77	2.8	76	103	128	-
25	-	26.5	28.4	-	118	102	1.75	-	164	192	-
35	-	27.9	31.2	-	145	125	1.25	-	220	237	-
50	-	31.5	36.5	-	175	151	0.93	-	287	320	-
70	-	35.5	40.1	-	222	192	0.63	-	361	450	-
95	-	40	44.7	-	269	231	0.46	-	490	596	-
120	-	42.2	47.4	-	310	267	0.36	-	572	710	-
150	-	46	52.7	-	356	306	0.29	-	690	925	-
185	-	51.2	57.5	-	405	348	0.23	-	869	1103	-
240	-	57.2	64.2	-	476	409	0.18	-	1076	1372	-
300	-	62.2	70.2	-	547	469	0.145	-	1295	1654	-

Note 1: These ratings are per SANS 0142 table 6.4