

**PACKAGING**

Wooden drums

300m & 500m

DESCRIPTION:

Plain Annealed copper conductors, PVC insulated, PVC Bedded Galvanised Steel Wire Armour with Earth continuity Conductors in the armour, PVC Sheath

APPLICATION:

These cables may be used for main power distribution in general industries, houses and commercial buildings where the concentric earth eliminates the need for a supplementary earth continuity conductor

SPECIFICATION: SANS 1507-3

Voltage Rating: 600/1000V

Sheath Colours: Black with Brown 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	SIZE OF ECC	APPROX. OVERALL DIAMETER				CURRENT RATING NOTE 1		VOLT DROP NOTE 1	APPROX. CABLE WEIGHT MASS PER 100M COIL			
(mm ²)	(mm ²)	(mm)				(A)		(MV/A/M)	(kg)			
		2C	3C	4C	7C	2C	3, 4, & 7C		2C	3C	4C	7C
1.5	1	13.9	14.4	15.2	17.2	21	18	29	39	45	49	63
2.5	15	14.6	15.2	16.2	18.3	28	25	18	45	50	58	76
4	2.5	16.7	17.4	18.9	21.6	38	33	11	58	66	75	102
6	4	17.8	18.8	20.2	23.2	49	42	7.3	69	79	91	123
10	6	19.9	20.8	22.5	-	67	58	4.4	87	99	116	-
16	10	17.8	20.1	22.2	-	89	77	2.8	78	106	132	-
25	16	-	26.5	28.4	-	118	102	1.75	-	169	198	-
35	16	-	27.9	31.2	-	145	125	1.25	-	227	244	-
50	25	-	31.5	36.5	-	175	151	0.93	-	296	330	-
70	35	-	35.5	40.1	-	222	192	0.63	-	372	464	-
95	50	-	40	44.7	-	269	231	0.46	-	505	614	-
120	70	-	42.2	47.4	-	310	267	0.36	-	589	731	-
150	70	-	46	52.7	-	356	306	0.29	-	711	953	-
185	95	-	51.2	57.5	-	405	348	0.23	-	895	1136	-
240	120	-	57.2	64.2	-	476	409	0.18	-	1108	1413	-
300	150	-	62.2	70.2	-	547	469	0.145	-	1334	1704	-

Note 1: These ratings are per SANS 0142 table 6.4