

**PACKAGING**

Wooden drums

300m & 500m

DESCRIPTION:

Plain annealed copper conductors, PVC insulated, PVC(LH) bedded, galvanised steel wire armour, PVC (LH) 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 PVC in LHC armoured cable is specially formulated to reduce corrosive halogen gasses which are produced by burning PVC, therefore are suitable for use in closed areas such as mines and offices.

SPECIFICATION: SAN 1507-3

Voltage Rating:	600/1000V
Sheath Colours:	Black with Blue 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	APPROX. OVERALL DIAMETER				CURRENT RATING NOTE 1		VOLT DROP NOTE 1	APPROX. CABLE WEIGHT MASS PER 100M			
	(mm ²)	(mm)			(A)		(MV/A/M)	(kg)			
	2C	3C	4C	7C	2C	3, 4, & 7C		2C	3C	4C	7C
1.5	13.9	14.4	15.2	17.2	21	18	29	39	45	49	63
2.5	14.6	15.2	16.2	18.3	28	25	18	45	50	58	76
4	16.7	17.4	18.9	21.6	38	33	11	58	66	75	102
6	17.8	18.8	20.2	23.2	49	42	7.3	69	79	91	123
10	19.9	20.8	22.5	-	67	58	4.4	87	99	116	-
16	17.8	20.1	22.2	-	89	77	2.8	78	106	132	-
25	-	26.5	28.4	-	118	102	1.75	-	169	198	-
35	-	27.9	31.2	-	145	125	1.25	-	227	244	-
50	-	31.5	36.5	-	175	151	0.93	-	296	330	-
70	-	35.5	40.1	-	222	192	0.63	-	372	464	-
95	-	40.0	44.7	-	269	231	0.46	-	505	614	-
120	-	42.2	47.4	-	310	267	0.36	-	589	731	-
150	-	46.0	52.7	-	356	306	0.29	-	711	953	-
185	-	51.2	57.5	-	405	348	0.23	-	895	1136	-
240	-	57.2	64.2	-	476	409	0.18	-	1108	1413	-
300	-	62.2	70.2	-	547	469	0.145	-	1334	1703	-

Note 1: These ratings are per SANS 0142 table 6.4