

**PACKAGING**

Wooden drums

300m & 500m

DESCRIPTION:

Shaped stranded copper conductors, XLPE insulated, PVC bedded, galvanised steel wire armour, PVC (FR) sheathed.

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 1507-4

Voltage Rating: 1900/3300V

Sheath Colour: Black with Red stripe

Core Colours: 3 core - Red, Yellow and Blue

TECHNICAL INFORMATION

CABLE SIZE (mm ²)	APPROX. OVERALL DIAMETER (mm)	CURRENT RATING NOTE 1			IMPEDANCE (Ω/km)	VOLT DROP NOTE 1 (MV/A/M)	APPROX. CABLE WEIGHT MASS PER 100M (kg)
		Ground (A)	Ducts (A)	Air (A)			
10	26	70	58	62	2.19	4.4	142
16	29	91	75	83	1.38	2.8	196
25	32	119	96	110	0.727	1.257	224
35	34	143	116	135	0.524	0.907	237
50	37	169	138	163	0.387	0.670	274
70	39	210	171	207	0.268	0.464	382
95	42	251	205	251	0.193	0.334	507
120	43	285	234	290	0.153	0.265	593
150	45	320	263	332	0.124	0.215	717
185	46	361	298	378	0.153	0.265	809
240	55	416	344	445	0.104	0.180	1108
300	59	465	385	510	0.078	0.140	1564

Note 1: These ratings are per SANS 0142 table 6.4