



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 retardency in the PVC of the cable prevents the spread of fire

**SPECIFICATION: SANS 1507-3**

Voltage Rating: 1900/3300V  
 Sheath Colour: Black with Red stripe  
 Core Colours: 3 core - Red, Yellow and Blue

TECHNICAL INFORMATION							
CABLE SIZE	APPROX. OVERALL DIAMETER	CURRENT RATING NOTE 1			IMPEDANCE	VOLT DROP	APPROX. CABLE WEIGHT MASS PER 100M COIL
(mm <sup>2</sup> )	(mm)				(Ω/km)	(MV/A/M)	(kg)
	Overall	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
25.0	32	119	96	110	0.727	1.257	224
35.0	34	143	116	135	0.524	0.907	237
50.0	37	169	138	163	0.387	0.67	274
70.0	39	210	171	207	0.268	0.464	382
95.0	42	251	205	251	0.193	0.334	507
120.0	43	285	234	290	0.153	0.265	593
150.0	45	320	263	332	0.124	0.215	717
185.0	46	361	298	378	0.153	0.265	809
240.0	55	416	344	445	0.104	0.18	1108
300.0	59	465	385	510	0.078	0.14	1564

Note 1: These ratings are per SANS 0142 table 6.4