



PACKAGING	
Wooden drums	500m

DESCRIPTION:

Stranded hard drawn copper phase conductor, XLPE insulated with bare neutral earth conductors. Polyethylene sheathed house service cable. Nylon ripcord laid under sheath.

APPLICATION:

Aerial CNE Cable is used for house connections. This cable can only be used for single phase supply. Cable is made to be suspended in the air. Aerial CNE Cable is also suitable for underground general use. Split concentric cable suitable for power distribution as an underground or overhead cable.

SPECIFICATIONS: SANS 1507/6

Voltage rating: 600/1000V

Conductor type: Bare neutral and earth conductors

TECHNICAL INFORMATION		
Cable Size (mm ²)	10	16
Phase Conductor Resistance (Ohm/Km) DC @ 20°C	1.89	1.19
Phase Conductor Impedance (Ohm/Km)	2.34	1.47
Phase Conductor Strand size (mm) & No.	1.35 x 7	1.74 x 7
Phase Conductor Insulation Thickness (mm)	0.7	0.7
Phase conductor OD (mm)	5.45	6.41
Neutral Size (mm ²)	10	16
Neutral Conductor Strand size (mm) & No.	1.33 x 7	1.67 x 7
Earth size (mm ²)	7.5	11
Earth Conductor Strand Size (mm) & No.	1.78 x 3	2.2 x 3
Communication Cores - Solid - OD(mm) & No.	0.8 x 2	0.8 x 2
Current Rating (A)	50	70
(In Air 30°C ambient - max Conductor Temperature 90°C)		
Nominal Sheath Thickness (mm)	1.4	1.6
Approximate Cable OD (mm)	12	14
Approximate Cable Mass (Kg/Km)	319	488