

Construction

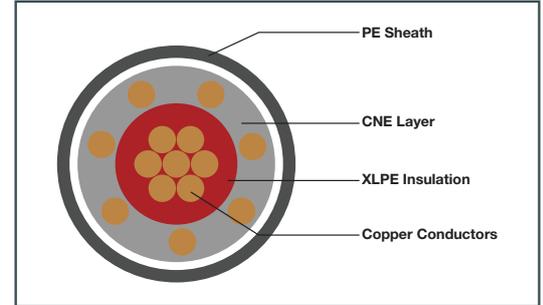
The phase core comprises of a highly conductive hard drawn copper conductor, insulated with a red crosslinked polyethylene which is ultraviolet stabilised. The phase core is surrounded by highly conductive annealed copper earth conductors as well as insulated neutral cores that form a single concentric layer around the phase core. The cable also includes two communication cores. The overall sheath consists of black polyethylene which is ultraviolet stabilised to complete the product.

Applications

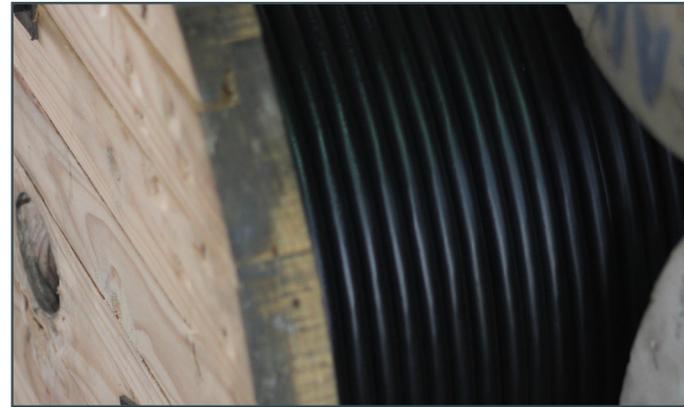
Used as a house service cable.

Packaging

Available in 500 metre drums.



Specification	(SABS 1507 - 6)
Voltage Rating	600 Volts
Test Voltage	3000 Volts
Temperature Range	-10° to +80°C
Flexibility Class	1 & 2
Conductor Type	High conductivity annealed copper
Insulation Material	UV stabilised Cross-Linked Polyethylene
Sheath Material	Polyethylene
Sheath Colour	Black
Core Colours	CN - Red phase, Bare copper neutral and earth SNE - Red phase with black neutrals and bare copper earth
Communication Cores	Blue and White



Technical Data (CN)

Product Code	Size mm ²	Phase Conductors	Neutral Conductors	Nominal Amps	Nominal Dia	Mass kg/100m
CN4	4.0	7 x 0.82	7 x 0.86	30	8.90	13.01
CN10	10.0	7 x 1.32	7 x 0.86	50	11.05	27.21

Technical Data (SNE)

Product Code	Size mm ²	Phase Conductors	Pilot Cores	Earth Conductors	Neutral Conductors	Nominal Amps	Nominal Dia	Mass kg/100m
SNE10	10.0	7 x 1.32	2 x 0.82	3 x 1.58	7 x 1.32	50	12.8	32.00
SNE16	16.0	7 x 1.72	2 x 2.58	3 x 2.06	7 x 1.72	70	14.5	48.50