

Service Cable SNE – Low Voltage

Application

Applications: 600/1000 Volt A.C Service Cable

Conductor Temp: Max 90°C

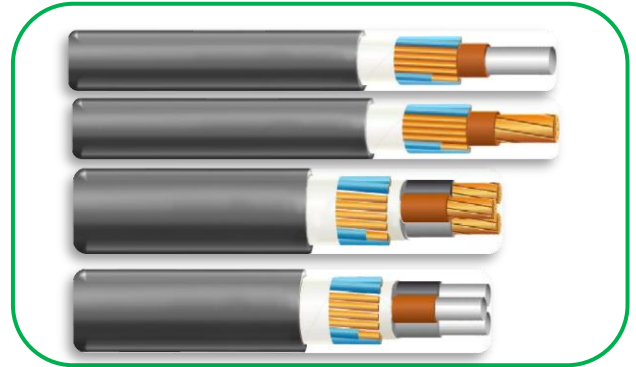
Short circuit temperature: Max. 250 °C

Installation temperature: Min. -10 °C

Min. radius of bend: 8 x D on 3-core cables,
10 x D on single core cables

Max. pulling tension: Directly on conductor max 50 N/mm² of total conductor cross section (Cu-cables)
Directly on conductor max 30 N/mm² of total conductor cross section (AL-cables)

CPR Class: ECA



Construction

Outer Sheath colour: ● PVC Black

Conductor: Round stranded copper or solid aluminium conductor

Insulation : XLPE

Colour marking of core: Brown, Black and Grey

Earth Conductor: Bare Plain Copper wire

Neutral Conductor: Covered Copper wire, Blue

Technical Properties

Standard: BS 7870-3.21:2011

Marking of sheath ELECTRIC CABLE 600/1000 V BS7870-3.11 "Dimension" "Year" "Meters" + "Year, month, date

Rated voltage 1000 V between phases

Material description	Material of conductor	Number of Cores	Cross section (mm ²)	Cable diameter (mm)	Weight (kg/m)	Max. conductor resistance	Max. resistance concentric conductor Ω/km	Max. resistance neutral conductor Ω/km
SNE 1x16 CU	Cu	1	16	14,5	0,569	1,15	1,2	1,2
SNE 1x25 AL	Al	1	25	14,9	0,496	1,20	1,2	1,2
SNE 1x25 AL	Al	1	25	14,9	0,496	1,20	1,2	1,2
SNE 1x35 AL	Al	1	35	16,0	0,602	0,868	1,2	0,76
SNE 1x35 AL	Al	1	35	16,0	0,602	0,868	1,2	0,76
SNE 3x35 AL	Al	3	35	26,3	1,063	0,868	1,2	0,76
SNE 3x35 CU	Cu	3	35	27,5	1,876	0,524	0,76	0,55

*If any further information is required please contact us directly and we will be able to advise accordingly