

PRODUCT DATA SHEET

Cable Description

Cable Size : 10 mm²
Standard Specification Applied To Cable : IEC 60227 - IEC 60228
Rated Voltage : 450 / 750 Volt
Cable Description : Stranded Copper Conductor Insulated With Polyvinyl Chloride (CU / PVC)

Conductor

Standard Specification Applied To Conductor : IEC 60228
NO. Of Cores per Cable : 1
Nominal Cross- Sectional Area Per core : 10 mm²
Nominal Number Of Strands Per core : 7
Diameter Of Each Strand : 1.35 mm
Material Of Core : Copper
Type : Class-2
Cross- Sectional Area Of Each Strand : 1.4306 mm²
Overall Diameter Of Conductor : 4.05 mm
D.C. Resistance Of Conductor At 20°c Per Km (max.) : 1.83 Ω/km

Insulation

Material Of Insulation : Polyvinyl Chloride
Colour Per Core :
Nominal Thickness Of Insulation Per Core : 1.00 mm
Min. Insulation Resistance Per Core Per Km Length Of Cable At 70°c : 0.0065 M ohm.Km
Test Voltage Between Cores And Earth (AC KV . Time min) : 2500V for 5 min
Heat Resistance Test (Temperature °c . Time min) : 150 °c for 1 hour

Cable Dimension (Nominal) :

Nominal External Cable Diameter : 5.6 : 6.7 mm