

PRODUCT DATA SHEET

Cable Description

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|--|---|--|
| <i>Cable Size</i> | : | 120 mm ² |
| <i>Standard Specification Applied To Cable</i> | : | IEC 60227 - IEC 60228 |
| <i>Rated Voltage</i> | : | 450 / 750 Volt |
| <i>Cable Description</i> | : | Stranded Copper Conductor Insulated With Polyvinyl Chloride (CU / PVC) |

Conductor

| | | |
|---|---|-----------------------|
| <i>Standard Specification Applied To Conductor</i> | : | IEC 60228 |
| <i>NO. Of Cores per Cable</i> | : | 1 |
| <i>Nominal Cross- Sectional Area Per core</i> | : | 120 mm ² |
| <i>Nominal Number Of Strands Per core</i> | : | 19 |
| <i>Diameter Of Each Strand</i> | : | 2.80 mm |
| <i>Material Of Core</i> | : | Copper |
| <i>Type</i> | : | Class-2 |
| <i>Cross- Sectional Area Of Each Strand</i> | : | 3.203 mm ² |
| <i>Overall Diameter Of Conductor</i> | : | 14.15 mm |
| <i>D.C. Resistance Of Conductor At 20°c Per Km (max.)</i> | : | 0.153 Ω/km |

Insulation

| | | |
|---|---|--------------------|
| <i>Material Of Insulation</i> | : | Polyvinyl Chloride |
| <i>Colour Per Core</i> | : | |
| <i>Nominal Thickness Of Insulation Per Core</i> | : | 1.60 mm |
| <i>Min. Insulation Resistance Per Core Per Km Length Of Cable At 70°c</i> | : | 0.0032 M ohm.Km |
| <i>Test Voltage Between Cores And Earth (AC KV . Time min)</i> | : | 2500V for 5 min |
| <i>Heat Resistance Test (Temperature °c . Time min)</i> | : | 150 °c for 1 hour |

Over Sheath

| | | |
|----------------------------------|---|-------|
| <i>Material Of Outer Jacket</i> | : | |
| <i>Thickness Of Outer Jacket</i> | : | |
| <i>Colour Of Outer Jacket</i> | : | |

Cable Dimension (Nominal) :

| | | |
|--|---|----------------|
| <i>Nominal External Cable Diameter</i> | : | 15.6 : 18.8 mm |
|--|---|----------------|