

PRODUCT DATA SHEET

Cable Description

| | | |
|--|---|--|
| Cable Size | : | 5X10 mm ² |
| Standard Specification Applied To Cable | : | IEC 60227 - IEC 60228 |
| Rated Voltage | : | 300 / 500 Volt |
| Cable Description | : | Flexible Copper Conductor Insulated With Polyvinyl Chloride And Sheathed With Polyvinyl Chloride(CU / PVC / PVC) |

Conductor

| | | |
|---|---|-------------------------|
| Standard Specification Applied To Conductor | : | IEC 60228 |
| NO. Of Cores per Cable | : | 5 |
| Nominal Cross- Sectional Area Per core | : | 10 mm ² |
| Nominal Number Of Strands Per core | : | 140 |
| Diameter Of Each Strand | : | 0.30 mm |
| Material Of Core | : | Copper |
| Type | : | Class-5 |
| Cross- Sectional Area Of Each Strand | : | 0.07065 mm ² |
| Overall Diameter Of Conductor | : | 4.2 mm |
| D.C. Resistance Of Conductor At 20°c Per Km (max.) | : | 1.91 Ω/km |

Insulation

| | | |
|---|---|-------------------------------------|
| Material Of Insulation | : | Polyvinyl Chloride |
| Colour Per Core | : | Red – Yellow – Blue – Black - Green |
| Nominal Thickness Of Insulation Per Core | : | 1.00 mm |
| Min. Insulation Resistance Per Core Per Km Length Of Cable At 70°c | : | 0.0056 M ohm.Km |
| Test Voltage Between Cores And Earth (AC KV . Time min) | : | 2000V for 5 min |
| Heat Resistance Test (Temperature °c . Time min) | : | 150 °c for 1 hour |

Over Sheath

| | | |
|----------------------------------|---|-------------------------|
| Material Of Outer Jacket | : | Polyvinyl Chloride |
| Thickness Of Outer Jacket | : | 1.4 mm |
| Colour Of Outer Jacket | : | White , Gray , Or Black |

Cable Dimension (Nominal) :

| | | |
|--|---|----------------|
| Nominal External Cable Diameter | : | 17.5 : 22.0 mm |
|--|---|----------------|