

## **PRODUCT DATA SHEET**

### **Cable Description**

<i>Cable Size</i>	:	5X25 mm <sup>2</sup>
<i>Standard Specification Applied To Cable</i>	:	IEC 60227 - IEC 60228
<i>Rated Voltage</i>	:	300 / 500 Volt
<i>Cable Description</i>	:	Stranded Copper Conductor Insulated With Polyvinyl Chloride And Sheathed With Polyvinyl Chloride(CU / PVC / PVC)

### **Conductor**

<i>Standard Specification Applied To Conductor</i>	:	IEC 60228
<i>NO. Of Cores per Cable</i>	:	5
<i>Nominal Cross- Sectional Area Per core</i>	:	25.0 mm <sup>2</sup>
<i>Nominal Number Of Strands Per core</i>	:	19
<i>Diameter Of Each Strand</i>	:	1.30 mm
<i>Material Of Core</i>	:	Copper
<i>Type</i>	:	Class-2
<i>Cross- Sectional Area Of Each Strand</i>	:	1.3266 mm <sup>2</sup>
<i>Overall Diameter Of Conductor</i>	:	6.5 mm
<i>D.C. Resistance Of Conductor At 20°c Per Km (max.)</i>	:	0.727 Ω/km

### **Insulation**

<i>Material Of Insulation</i>	:	Polyvinyl Chloride
<i>Colour Per Core</i>	:	Red – Yellow – Blue – Black - Green
<i>Nominal Thickness Of Insulation Per Core</i>	:	1.20 mm
<i>Min. Insulation Resistance Per Core Per Km Length Of Cable At 70°c</i>	:	0.005 M ohm.Km
<i>Test Voltage Between Cores And Earth ( AC KV . Time min )</i>	:	2000V 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>	:	Polyvinyl Chloride
<i>Thickness Of Outer Jacket</i>	:	1.6 mm
<i>Colour Of Outer Jacket</i>	:	Gray , Or Black

### **Cable Dimension ( Nominal ) :**

<i>Nominal External Cable Diameter</i>	:	24.5 : 31.5 mm
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