

## **PRODUCT DATA SHEET**

### **Cable Description**

<i>Cable Size</i>	:	<i>2X1.5 mm<sup>2</sup></i>
<i>Standard Specification Applied To Cable</i>	:	<i>IEC 60502 - IEC 60228</i>
<i>Rated Voltage</i>	:	<i>600 / 1000 Volt</i>
<i>Cable Description</i>	:	<i>Flexible Copper Conductor Insulated With Polyvinyl Chloride And Sheathed With Polyvinyl Chloride(CU / PVC / PVC)</i>

### **Conductor**

<i>Standard Specification Applied To Conductor</i>	:	<i>IEC 60228</i>
<i>NO. Of Cores per Cable</i>	:	<i>2</i>
<i>Nominal Cross- Sectional Area Per core</i>	:	<i>1.5 mm<sup>2</sup></i>
<i>Nominal Number Of Strands Per core</i>	:	<i>21</i>
<i>Diameter Of Each Strand</i>	:	<i>0.30 mm</i>
<i>Material Of Core</i>	:	<i>Copper</i>
<i>Type</i>	:	<i>Class-5</i>
<i>Cross- Sectional Area Of Each Strand</i>	:	<i>0.04906 mm<sup>2</sup></i>
<i>Overall Diameter Of Conductor</i>	:	<i>1.60 mm</i>
<i>D.C. Resistance Of Conductor At 20°C Per Km (max.)</i>	:	<i>13.30 Ω/km</i>

### **Insulation**

<i>Material Of Insulation</i>	:	<i>Polyvinyl Chloride</i>
<i>Colour Per Core</i>	:	<i>Red – Black</i>
<i>Nominal Thickness Of Insulation Per Core</i>	:	<i>0.80 mm</i>
<i>Min. Insulation Resistance Per Core Per Km Length Of Cable At 70°C</i>	:	<i>0.010 M ohm.Km</i>
<i>Test Voltage Between Cores And Earth ( AC KV . Time min )</i>	:	<i>3000V for 5 min</i>
<i>Heat Resistance Test ( Temperature °C . Time min )</i>	:	<i>150 °C for 1 hour</i>

### **Over Sheath**

<i>Material Of Outer Jacket</i>	:	<i>Polyvinyl Chloride</i>
<i>Thickness Of Outer Jacket</i>	:	<i>1.80 mm</i>
<i>Colour Of Outer Jacket</i>	:	<i>Gray Or Black</i>

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

<i>Approx. External Cable Diameter</i>	:	<i>10.20 mm</i>
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