

## **PRODUCT DATA SHEET**

### **Cable Description**

|  |   |   |
|--|---|---|
| <i>Cable Size</i>                              | : | 1.5 mm <sup>2</sup>   |
| <i>Standard Specification Applied To Cable</i> | : | IEC 60502 - IEC 60228   |
| <i>Rated Voltage</i>                           | : | 600 / 1000 Volt   |
| <i>Cable Description</i>                       | : | Stranded Copper Conductor Insulated With Cross-Linked Polyethylene<br>And Sheathed With Polyvinyl Chloride(CU / XLPE / 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>             | : | 1.5 mm <sup>2</sup>    |
| <i>Nominal Number Of Strands Per core</i>                 | : | 7                      |
| <i>Diameter Of Each Strand</i>                            | : | 0.53 mm                |
| <i>Material Of Core</i>                                   | : | Copper                 |
| <i>Type</i>   | : | Class-2                |
| <i>Cross- Sectional Area Of Each Strand</i>               | : | 0.2205 mm <sup>2</sup> |
| <i>Overall Diameter Of Conductor</i>                      | : | 1.60 mm                |
| <i>D.C. Resistance Of Conductor At 20°c Per Km (max.)</i> | : | 12.10 Ω/km             |

### **Insulation**

|   |   |                                 |
|---|---|---------------------------------|
| <i>Material Of Insulation</i>   | : | Cross-Linked Polyethylene(XLPE) |
| <i>Colour Per Core</i>  | : | .....                           |
| <i>Nominal Thickness Of Insulation Per Core</i>                           | : | 0.70 mm                         |
| <i>Min. Insulation Resistance Per Core Per Km Length Of Cable At 90°c</i> | : | 0.010 M ohm.Km                  |
| <i>Test Voltage Between Cores And Earth ( AC KV . Time min )</i>          | : | 3000V 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> | : | 1.40 mm            |
| <i>Colour Of Outer Jacket</i>    | : | .....              |

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

|  |   |         |
|--|---|---------|
| <i>Approx. External Cable Diameter</i> | : | 5.80 mm |
|--|---|---------|