

## **PRODUCT DATA SHEET**

### **Cable Description**

*Cable Size* : 70 mm<sup>2</sup>  
*Standard Specification Applied To Cable* : IEC 60227 - IEC 60228  
*Rated Voltage* : 450 / 750 Volt  
*Cable Description* : Stranded Copper Conductor Insulated With Polyvinyl Chloride (CU / PVC)

### **Conductor**

*Standard Specification Applied To Conductor* : IEC 60228  
*NO. Of Cores per Cable* : 1  
*Nominal Cross- Sectional Area Per core* : 70 mm<sup>2</sup>  
*Nominal Number Of Strands Per core* : 19  
*Diameter Of Each Strand* : 2.15 mm  
*Material Of Core* : Copper  
*Type* : Class-2  
*Cross- Sectional Area Of Each Strand* : 3.628 mm<sup>2</sup>  
*Overall Diameter Of Conductor* : 10.75 mm  
*D.C. Resistance Of Conductor At 20°c Per Km (max.)* : 0.268 Ω/km

### **Insulation**

*Material Of Insulation* : Polyvinyl Chloride  
*Colour Per Core* : .....  
*Nominal Thickness Of Insulation Per Core* : 1.40 mm  
*Min. Insulation Resistance Per Core Per Km Length Of Cable At 70°c* : 0.0035 M ohm.Km  
*Test Voltage Between Cores And Earth ( AC KV . Time min )* : 2500V for 5 min  
*Heat Resistance Test ( Temperature °c . Time min )* : 150 °c for 1 hour

### **Over Sheath**

*Material Of Outer Jacket* : .....  
*Thickness Of Outer Jacket* : .....  
*Colour Of Outer Jacket* : .....

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

*Nominal External Cable Diameter* : 12.1 : 14.6 mm