سلكوبلاست للكابلات (ش.م.م.)
SELCOPLAST CABLES CO. (S.A.E)

# PRODUCT DATA SHEET

## Cable Description

| | | |
|---|---|---|
| *Cable Size* | : | *25 mm²* |
| *Standard Specification Applied To Cable* | : | *IEC 60502 - IEC 60228* |
| *Rated Voltage* | : | *600 / 1000 Volt* |
| *Cable Description* | : | *Flexible Copper Conductor Insulated With Cross-Linked Polyethylene And Sheathed With Polyvinyl Chloride(CU / XLPE / PVC)* |

## Conductor

| | |
|---|---|
| *Standard Specification Applied To Conductor :* | *IEC 60228* |
| *NO. Of Cores per Cable :* | *1* |
| *Nominal Cross- Sectional Area Per core :* | *25 mm²* |
| *Nominal Number Of Strands Per core :* | *350* |
| *Diameter Of Each Strand :* | *0.30 mm* |
| *Material Of Core :* | *Copper* |
| *Type :* | *Class-5* |
| *Cross- Sectional Area Of Each Strand :* | *0.07065 mm²* |
| *Overall Diameter Of Conductor :* | *7.50 mm* |
| *D.C. Resistance Of Conductor At 20ċ Per Km (max.) :* | 0.780 Ω/km |

## Insulation

*Material Of Insulation : Cross-Linked Polyethylene(XLPE)*

*Colour Per Core : .....*

*Nominal Thickness Of Insulation Per Core : 0.90 mm*

*Min. Insulation Resistance Per Core Per Km Length Of Cable At 90ċ : 0.0044 M ohm.Km*

*Test Voltage Between Cores And Earth ( AC KV . Time min ) : 3000V for 5 min*

*Heat Resistance Test ( Temperature ċ . Time min ) : 150 ċ for 1 hour*

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## Over Sheath

| | | |
|---|---|---|
| *Material Of Outer Jacket* | : | *Polyvinyl Chloride* |
| *Thickness Of Outer Jacket* | : | *1.40 mm* |
| *Colour Of Outer Jacket* | : | ..... |

## Cable Dimension ( Nominal ) :

| | | |
|---|---|---|
| *Approx. External Cable Diameter* | : | *12.10 mm* |

*Company :* *SELCOPLAST CABLES*

*Q.C. Depatment*