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

# PRODUCT DATA SHEET

## Cable Description

| | | |
|---|---|---|
| ***Cable Size*** | : | *6 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 :*** | *6 mm²* |
| ***Nominal Number Of Strands Per core :*** | *84* |
| ***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 :*** | *3.30 mm* |
| ***D.C. Resistance Of Conductor At 20ċ Per Km (max.) :*** | 3.30 Ω/km |

## Insulation

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

***Colour Per Core :*** ……

***Nominal Thickness Of Insulation Per Core :*** *0.70 mm*

***Min. Insulation Resistance Per Core Per Km Length Of Cable At 90ċ :*** *0.006 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* | : | *7.50 mm* |

*Company :* *SELCOPLAST CABLES*

*Q.C. Depatment*