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

# PRODUCT DATA SHEET

## Cable Description

| | | |
|---|---|---|
| **Cable Size** | : | 3X35 $mm^2$ +16 $mm^2$ |
| **Standard Specification Applied To Cable** | : | IEC 60502 - IEC 60228 |
| **Rated Voltage** | : | 600 / 1000 Volt |
| **Cable Description** | : | Flexible Copper Conductor Insulated With X.L.P.E. And Sheathed With Polyvinyl Chloride(CU / XLPE / PVC) |

## Conductor

| | | |
|---|---|---|
| **Standard Specification Applied To Conductor** : | IEC 60228 | |
| **NO. Of Cores per Cable** : | 3 | 1 |
| **Nominal Cross- Sectional Area Per core** : | 35 $mm^2$ | 16$mm^2$ |
| **Nominal Number Of Strands Per core** : | 490 | 224 |
| **Diameter Of Each Strand** : | 0.30 mm | 0.30mm |
| **Material Of Core** : | Copper | Copper |
| **Type** : | Class-5 | Class-5 |
| **Cross- Sectional Area Of Each Strand** : | 0.07065 $mm^2$ | 0.07065 $mm^2$ |
| **Overall Diameter Of Conductor** : | 9.25 mm | 5.2mm |
| **D.C. Resistance Of Conductor At 20ċ Per Km (max.)** : | 0.554 Ω/km | 1.21 Ω/km |

## Insulation

**Material Of Insulation** : X.L.P.E.

**Colour Per Core** : Red – Yellow – Blue — Black

**Nominal Thickness Of Insulation Per Core** : 0.90 mm — 0.70mm

**Min. Insulation Resistance Per Core Per Km Length Of Cable At 70ċ** : 0.0043 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*** | : | *1.80 mm* |
| ***Colour Of Outer Jacket*** | : | *Gray Or Black* |

## Cable Dimension ( Nominal ) :

| | | |
|---|---|---|
| ***Approx. External Cable Diameter*** | : | *26.90 mm* |

***Company :*** ***SELCOPLAST CABLES***

***Q.C. Depatment***