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

# PRODUCT DATA SHEET

## Cable Description

| | | |
|---|---|---|
| *Cable Size* | : | *3X120 mm² + 70 mm²* |
| *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* : | *120 mm²* | 70mm² |
| *Nominal Number Of Strands Per core* : | *1680* | 980 |
| *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 mm²* | *0.07065 mm²* |
| *Overall Diameter Of Conductor* : | *16.30 mm* | 12.60mm |
| *D.C. Resistance Of Conductor At 20ċ Per Km (max.)* : | 0.161 Ω/km | 0.272 Ω/km |

## Insulation

| | | |
|---|---|---|
| *Material Of Insulation* : | *X.L.P.E.* | |
| *Colour Per Core* : | *Red – Yellow – Blue* | *Black* |
| *Nominal Thickness Of Insulation Per Core* : | *1.20 mm* | 1.1mm |

*Min. Insulation Resistance Per Core Per Km Length Of Cable At 70ċ* : *0.0032 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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SELCOPLAST CABLES CO. (S.A.E)

# PRODUCT DATA SHEET

## Over Sheath

| | | |
|---|---|---|
| *Material Of Outer Jacket* | : | *Polyvinyl Chloride* |
| *Thickness Of Outer Jacket* | : | *2.50 mm* |
| *Colour Of Outer Jacket* | : | *Gray Or Black* |

## Cable Dimension ( Nominal ) :

| | | |
|---|---|---|
| *Approx. External Cable Diameter* | : | *48.10 mm* |

*Company :* *SELCOPLAST CABLES*

*Q.C. Depatment*


المصانع
مدينة العاشر من رمضان
تليفون: ٠١٥/٣٦١٨٢٢ - ٠١٥/٣٦١٨٢٣ - فاكس: ٠١٥/٣٦٥٠٨٠

المخازن والمبيعات
١ شارع إدريس - الشرابية
تليفون: ٢٢٣٥٦٩١٧ - ٢٢٣٥٥٤١٦ - فاكس: ٢٢٣٣٨١٣٧



حاصلون على:
التوحيد القياسى
السلامة الأوروبية
OHSAS 18001:2007
ISO 9001:2008