

PRODUCT DATA SHEET

Cable Description

<i>Cable Size</i>	:	$3 \times 50 \text{ mm}^2 + 25 \text{ mm}^2$
<i>Standard Specification Applied To Cable</i>	:	IEC 60502 - IEC 60228
<i>Rated Voltage</i>	:	600 / 1000 Volt
<i>Cable Description</i>	:	Flexible Copper Conductor Insulated With X.L.P.E. And Sheathed With Polyvinyl Chloride(CU / XLPE / PVC)

Conductor

<i>Standard Specification Applied To Conductor</i>	:	IEC 60228
<i>NO. Of Cores per Cable</i>	:	3
<i>Nominal Cross- Sectional Area Per core</i>	:	50 mm^2
<i>Nominal Number Of Strands Per core</i>	:	700
<i>Diameter Of Each Strand</i>	:	0.30 mm
<i>Material Of Core</i>	:	Copper
<i>Type</i>	:	Class-5
<i>Cross- Sectional Area Of Each Strand</i>	:	0.07065 mm^2
<i>Overall Diameter Of Conductor</i>	:	10.50 mm
<i>D.C. Resistance Of Conductor At 20°c Per Km (max.)</i>	:	0.386 Ω /km

Insulation

<i>Material Of Insulation</i>	:	X.L.P.E.
<i>Colour Per Core</i>	:	Red – Yellow – Blue
<i>Nominal Thickness Of Insulation Per Core</i>	:	1.00 mm
<i>Min. Insulation Resistance Per Core Per Km Length Of Cable At 70°c</i>	:	0.0043 M ohm.Km
<i>Test Voltage Between Cores And Earth (AC KV . Time min)</i>	:	3000V for 5 min
<i>Heat Resistance Test (Temperature °c . Time min)</i>	:	150 °c for 1 hour

Over Sheath

<i>Material Of Outer Jacket</i>	:	Polyvinyl Chloride
<i>Thickness Of Outer Jacket</i>	:	2.00 mm
<i>Colour Of Outer Jacket</i>	:	Gray Or Black

Cable Dimension (Nominal) :

<i>Approx. External Cable Diameter</i>	:	32.50 mm
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