

PRODUCT DATA SHEET

Cable Description

Cable Size	:	3X120 mm ² + 70 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	:	120 mm ²	
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 mm ²	
Overall Diameter Of Conductor	:	16.30 mm	12.60mm
D.C. Resistance Of Conductor At 20°c 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 70°c	:	0.0032 M ohm.Km	
Test Voltage Between Cores And Earth (AC KV . Time min)	:	3000V for 5 min	
Heat Resistance Test (Temperature °c . Time min)	:	150 °c for 1 hour	

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
--	---	----------