

PRODUCT DATA SHEET

Cable Description

Cable Size	:	3X300 mm ² + 150mm ²
Standard Specification Applied To Cable	:	IEC 60502 - IEC 60228
Rated Voltage	:	600 / 1000 Volt
Cable Description	:	Stranded 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	:	3	1
Nominal Cross- Sectional Area Per core	:	300 mm ²	150mm
Nominal Number Of Strands Per core	:	61	37
Diameter Of Each Strand	:	2.50 mm	2.25mm
Material Of Core	:	Copper	Copper
Type	:	Class-2	Class-2
Cross- Sectional Area Of Each Strand	:	4.906 mm ²	3.97mm
Overall Diameter Of Conductor	:	22.5 mm	15.75mm
D.C. Resistance Of Conductor At 20°c Per Km (max.)	:	0.0601 Ω/km	0.121 Ω/km

Insulation

Material Of Insulation	:	Cross-Linked Polyethylene(XLPE)	
Colour Per Core	:	Red – Yellow – Blue	Black
Nominal Thickness Of Insulation Per Core	:	1.80 mm	1.40mm
Min. Insulation Resistance Per Core Per Km Length Of Cable At 90°c	:	0.0030 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	:	3.10 mm
Colour Of Outer Jacket	:	Gray Or Black

Cable Dimension (Nominal) :

Approx. External Cable Diameter	:	64.80 mm
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