

PRODUCT DATA SHEET

Cable Description

Cable Size	:	3X10 mm 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
Nominal Cross- Sectional Area Per core	:	10 mm ²
Nominal Number Of Strands Per core	:	7
Diameter Of Each Strand	:	1.35 mm
Material Of Core	:	Copper
Type	:	Class-2
Cross- Sectional Area Of Each Strand	:	1.4306 mm ²
Overall Diameter Of Conductor	:	4.05 mm
D.C. Resistance Of Conductor At 20°C Per Km (max.)	:	1.83 Ω/km

Insulation

Material Of Insulation	:	Cross-Linked Polyethylene(XLPE)
Colour Per Core	:	Red – Yellow – Blue
Nominal Thickness Of Insulation Per Core	:	0.70 mm
Min. Insulation Resistance Per Core Per Km Length Of Cable At 90°C	:	0.0065 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	:	1.80 mm
Colour Of Outer Jacket	:	Gray Or Black

Cable Dimension (Nominal) :

Approx. External Cable Diameter	:	15.30 mm
--	---	----------