

PRODUCT DATA SHEET

Cable Description

Cable Size	:	5X3 mm ²
Standard Specification Applied To Cable	:	IEC 60227 - IEC 60228
Rated Voltage	:	300 / 500 Volt
Cable Description	:	Flexible Copper Conductor Insulated With Polyvinyl Chloride And Sheathed With Polyvinyl Chloride(CU / PVC / PVC)

Conductor

Standard Specification Applied To Conductor	:	IEC 60228
NO. Of Cores per Cable	:	5
Nominal Cross- Sectional Area Per core	:	3 mm ²
Nominal Number Of Strands Per core	:	42
Diameter Of Each Strand	:	0.30 mm
Material Of Core	:	Copper
Type	:	Class-5
Cross- Sectional Area Of Each Strand	:	0.07065 mm ²
Overall Diameter Of Conductor	:	2.45 mm
D.C. Resistance Of Conductor At 20°c Per Km (max.)	:	6.61 Ω/km

Insulation

Material Of Insulation	:	Polyvinyl Chloride
Colour Per Core	:	Red – Yellow – Blue – Black - Green
Nominal Thickness Of Insulation Per Core	:	0.80 mm
Min. Insulation Resistance Per Core Per Km Length Of Cable At 70°c	:	0.008 M ohm.Km
Test Voltage Between Cores And Earth (AC KV . Time min)	:	2000V 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	:	1.2 mm
Colour Of Outer Jacket	:	White , Gray , Or Black

Cable Dimension (Nominal) :

Nominal External Cable Diameter	:	12.5 : 15.5 mm
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