

PRODUCT DATA SHEET

Cable Description

<i>Cable Size</i>	:	2X1.5mm ² (Fire Alarm)
<i>Standard Specification Applied To Cable</i>	:	BS 5308 - IEC 60228
<i>Rated Voltage</i>	:	300 / 500 Volt
<i>Cable Description</i>	:	Flexible copper conductor insulated with polyvinylchloride rated for 105 ºC , cores twisted together , wrapped by aluminium tape , and sheathed With flam retardant polyvinylchloride rated for 105 ºC. (CU/PVC/ALT/PVC)

Conductor

<i>Standard Specification Applied To Conductor</i>	:	IEC 60228
<i>NO. Of Cores per Cable</i>	:	2
<i>Nominal Cross- Sectional Area Per core</i>	:	1.5 mm ²
<i>Nominal Number Of Strands Per core</i>	:	21
<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>	:	1.6 mm
<i>D.C. Resistance Of Conductor At 20º Per Km (max.)</i>	:	13.3 Ω/km

Insulation

<i>Material Of Insulation</i>	:	Polyvinyl Chloride 105º
<i>Colour Per Core</i>	:	Red – Black
<i>Nominal Thickness Of Insulation Per Core</i>	:	0.70 mm
<i>Min. Insulation Resistance Per Core Per Km Length Of Cable At 90º</i>	:	0.010 M ohm.Km
<i>Test Voltage Between Cores And Earth (AC KV . Time min)</i>	:	2000V for 5 min
<i>Heat Resistance Test (Temperature º . Time min)</i>	:	150 º for 1 hour

Over Sheath

<i>Material Of Outer Jacket</i>	:	flam retardant Polyvinyl Chloride 105º
<i>Thickness Of Outer Jacket</i>	:	0.8 mm
<i>Colour Of Outer Jacket</i>	:	Red

Cable Dimension (Nominal) :

<i>Approx. External Cable Diameter</i>	:	7.1 mm
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