

PRODUCT DATA SHEET

Cable Description

Cable Size	:	8X2X1.5mm ² (Fire Alarm)
Standard Specification Applied To Cable	:	BS 5308 - IEC 60228
Rated Voltage	:	300 / 500 Volt
Cable Description	:	Flexible copper conductor insulated with polyvinylchloride rated for 105 ºC , cores twisted to form pairs , wrapped by aluminium tape. These pairs twisted together, wrapped by aluminium tape ,and sheathed With flame retardant polyvinylchloride rated for 105 ºC. (CU/PVC/ALT/PVC)

Conductor

Standard Specification Applied To Conductor	:	IEC 60228
NO. Of Cores per Cable	:	16 (8X2)
Nominal Cross- Sectional Area Per core	:	1.5 mm ²
Nominal Number Of Strands Per core	:	21
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	:	1.6 mm
D.C. Resistance Of Conductor At 20º C Per Km (max.)	:	13.3 Ω/km

Insulation

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

Over Sheath

Material Of Outer Jacket	:	flam retardant Polyvinyl Chloride 105º C
Thickness Of Outer Jacket	:	1.3 mm
Colour Of Outer Jacket	:	Red

Cable Dimension (Nominal) :

Approx. External Cable Diameter	:	18.1 mm
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