

Cable - General Wire

Cable Description: 1 X 2.5 MM2 SOLID CU PVC BLACK : 450/750 V BS6004 : INSULATION

Design and Construction Data

Reference Manufacturing Standards	IEC 60228 , BS 6004 , BS EN 50525-2-31	
Max. Permissible Continuous Conductor Temp	°C	70
Max. Conductor Short Circuit Temp for 5 Seconds	°C	160
Rated Voltage ' Uo / U '	V	450/750
Number of Conductors x Cross-Section	mm ²	1 x 2.5
Conductor Material & Shape	Copper & Solid Class 1	
Insulation Material	PVC	
Insulation Nominal Thickness	mm	0.80
Insulation Color	Black	
Approximate Cable Overall Diameter	mm	3.20-3.90
Approximate Cable Weight	Kg/km	32.639

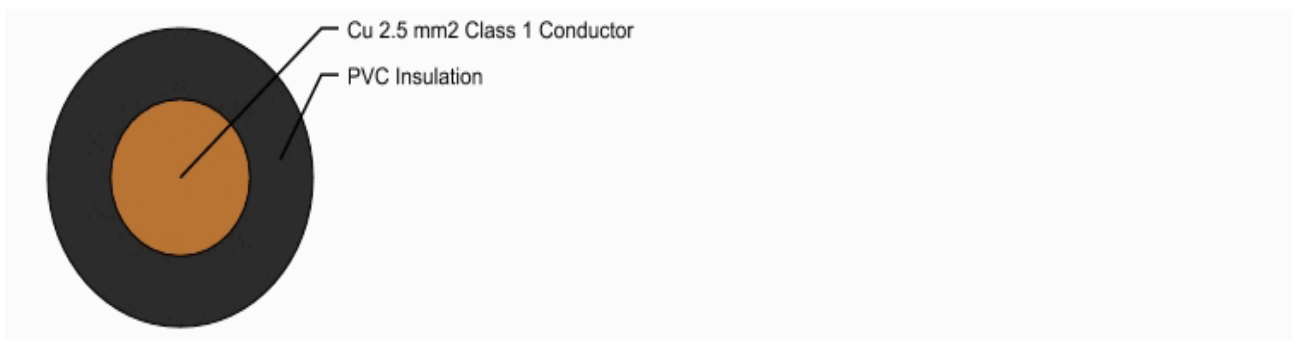
Electrical Data

Max Conductor DC resistance @ 20 °C	ohm/km	7.41
Min Insulation Resistance at 70°C	M ohm.km	0.010
High Voltage Test at 2.5kV for 5 min	No Breakdown Shall Occur	
Current Carrying Capacity		
Laid in Free air @ 30 °C Ambient Temperature	Amp	
Conduit on wall or in Trunking	Amp	24
Direct in Ground or Ducting in Ground @20 °C	Amp	-
Minimum Bending Radius	mm	-
The Cable shall meet all Test requirements	IEC 60228 , BS 6004 , BS EN 50525-2-31	

Cable Marking

1x2.5 mm ² SOLID CU/PVC ELECTRIC CABLE 450/750 V BS 6004 FAST CABLES LTD Y.O.M

Cable Drawing



1 X 2.5 MM2 SOLID CU PVC BLACK : 450/750 V BS6004 : INSULATION	Approx. Diameter	
Solid Copper Conductor with round shape	mm	1.77
Insulated	mm	3.20-3.90