

Cable - General Wire

Cable Description: 4 X 2.5 MM2 FLEXIBLE CU PVC PVC GREY : 300/500V BS6500 :

SHEATHING

Design and Construction Data

Reference Manufacturing Standards	IEC 60228, BS 6500 , BS EN 50525	
Max. Permissible Continuous Conductor Temp	°C	70
Max. Conductor Short Circuit Temp for 5 Seconds	°C	160
Rated Voltage ' Uo / U '	V	300/500
Number of Conductors x Cross-Section	mm ²	4 x 2.5
Conductor Material & Shape	Copper & Flexible Class 5	
Wire Size	mm	0.26 (Max)
Insulation Material	PVC	
Insulation Nominal Thickness	mm	0.80
Insulation Color	Red, Yellow, Blue, Black	
Sheath Material	PVC	
Sheath Nominal Thickness	mm	1.10
Colour of Sheath	Grey	
Approximate Cable Overall Diameter	mm	10.10- 12.50
Cable Length	Meter	1000 ±5%

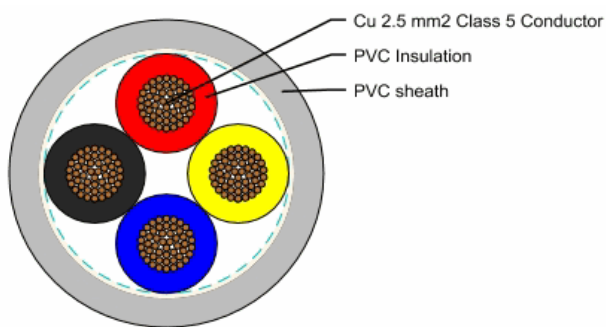
Electrical Data

Max Conductor DC resistance @ 20 °C	ohm/km	7.98
High Voltage Test at 2 kV for 5 min	No Breakdown Shall Occur	
Min. Insulation Resistance Test @ 70 °C	M.Ω.Km	0.0095
Current Carry Capacity		
Laid in Free air @ 30 °C Ambient Temperature	Amp	
Conduit on wall or in Trunking	Amp	24
The Cable shall meet all Test requirements	IEC 60228, BS 6500 , BS EN 50525	

Cable Marking

4X2.5mm² FLEXIBLE CU/PVC/PVC ELECTRIC CABLE 300/500 V IEC 60228, BS 6500 FAST CABLES LTD Y.O.M

Cable Drawing



4 X 2.5 MM2 FLEXIBLE CU PVC PVC GREY : 300/500V BS6500 : SHEATHING	Approx. Diameter	
Flexible Copper Conductor with round shape	mm	2.17
Insulated	mm	3.77
Laid up cores	mm	9.12
Sheathing	mm	10.10- 12.50