

Cable - General Wire

Cable Description: 1 X 7/0.029 INCH CIRCULAR CU PVC BLACK : 250/440 V BS2004 : INSULATION

Design and Construction Data

Reference Manufacturing Standards		BS 2004
Max. Permissible Continuous Conductor Temp	°C	70
Max. Conductor Short Circuit Temp for 5 Seconds	°C	160
Rated Voltage 'Uo / U'	V	250/440
Number of Conductors x Cross-Section	INCH	1 x 7/0.029
Conductor Material & Shape		Copper & Stranded Class 2 Circular
Insulation Material		PVC
Insulation Nominal Thickness	mm	0.889
Insulation Color		BLACK
Approximate Cable Overall Diameter	mm	3.978
Approximate Cable Weight	Kg/km	42.377

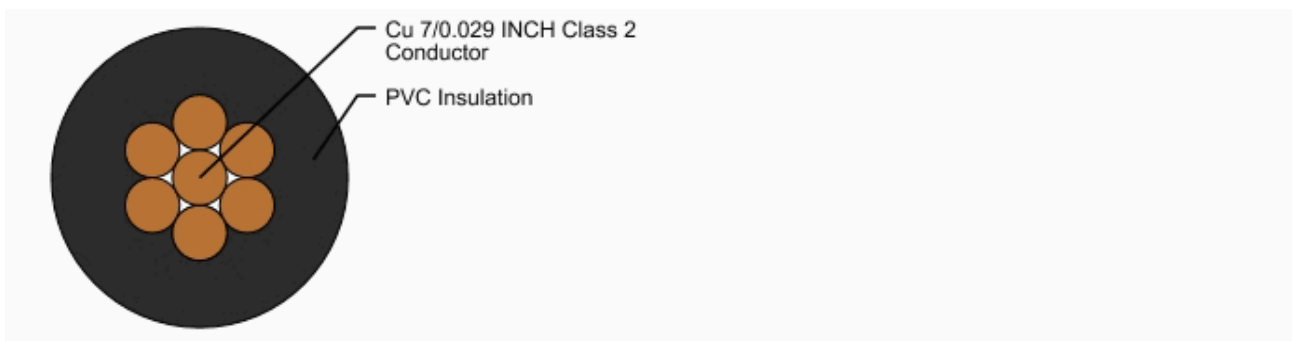
Electrical Data

Max Conductor DC resistance @ 20 °C	ohm/km	5.997
Min Insulation Resistance at 20°C	M ohm.km	16
High Voltage Test at 1.5kV 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	20
Direct in Ground or Ducting in Ground @20 °C	Amp	
Minimum Bending Radius	mm	
The Cable shall meet all Test requirements		BS 2004

Cable Marking

1x7/0.029" CU/PVC ELECTRIC CABLE 250/440 V BS 2004 FAST CABLES LTD Y.O.M

Cable Drawing



1 X 7/0.029 INCH CIRCULAR CU PVC BLACK : 250/440 V BS2004 : INSULATION		Approx. Diameter
Stranded Copper Conductor with round shape	mm	2.20
Insulated	mm	3.978