

Cable - General Wire

Cable Description: 1 X 6 MM2 CIRCULAR COMPACT CU LSZH GREEN / YELLOW : 450/750 V

BSEN50525 : INSULATION

Design and Construction Data

Reference Manufacturing Standards	IEC 60228 , BS EN 50525	
Max. Permissible Continuous Conductor Temp	°C	90
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 6
Conductor Material & Shape	Copper & Stranded Class 2 Compacted	
Insulation Material	LSZH	
Insulation Nominal Thickness	mm	0.80
Insulation Color	Green-Yellow	
Approximate Cable Overall Diameter	mm	4.30- 5.40
Approximate Cable Weight	Kg/km	70.637

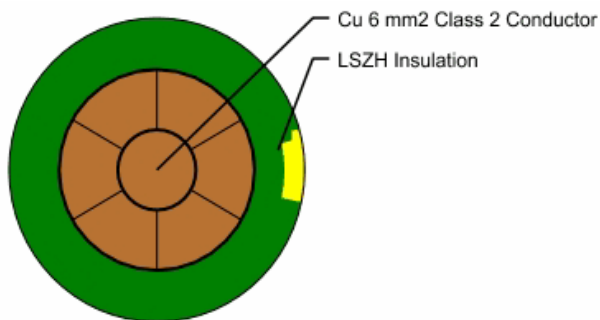
Electrical Data

Max Conductor DC resistance @ 20 °C	ohm/km	3.08
Min Insulation Resistance at 90°C	M ohm.km	0.0065
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	41
Direct in Ground or Ducting in Ground @20 °C	Amp	-
Minimum Bending Radius	mm	-
The Cable shall meet all Test requirements	IEC 60228 , BS EN 50525	

Cable Marking

1x6mm² CU/LSZH ELECTRIC CABLE 450/750 V BS EN 50525 FAST CABLES LTD Y.O.M

Cable Drawing



1x6mm ² CU/LSZH 450/750 V	Approx. Diameter	
Stranded Copper Conductor with round shape	mm	3.12
Insulated	mm	4.30- 5.40