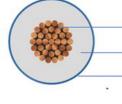


CABLES





→ Bunched Copper Conductor

FR-LSH base Insulation
 FR-LSH skin Insulation

FR-LSH SINGLE CORE FLEXIBLE CABLE

Document ID: TE/QMS/F/02

DESIGN CODE : LDIS09CYUAYL001C010S

Particulars	1 Core X 10 Sq.mm
Name of Manufacturer	Polycab India Ltd
Type of cable	FR-LSH
Voltage Grade (Volts)	1100
No of cores X size in Sq.mm.	1 Core X 10 Sq.mm
Conductor	
a) Material	Multi stranded copper conductor as per Class 5 of IS 8130/2013, latest
b) Max. d.c. resistance of conductor at 20°C (ohm/km)	1.91
c) Shape of the conductor	Flexible Circular
Insulation	
a) Material b) Nominal thickness (mm)	FR-LSH PVC TYPE D as per IS 5831/1984, Latest 1.0
c) Core identification	Red / Yellow / Blue / Black / Green / any customised colour
d) Maximum overall diameter of the cable in mm	7
Electrical Parameters	
Maximum conductor temperature under normal operating condition	70°C
Maximum conductor temperature at the terminal of short circuit	160°C
Continuous Current carrying capacities	9-
a) In Air at 40°C (A)	51
Applicable Standard	IIS 8130/2013, IS 5831/1984, IS 694/2010, etc. with latest up to date updates
Minimum bending radius	6 times Overall diameter
FR-LSH Properties	
 a) Oxygen Index b) Temperature Index c) Smoke density ratting d) Acid gas generation Printing 	Min. 29% as per ASTM D-2863 Min. 250 Deg. C as per ASTM D-2863 Max. 60% as per ASTM D -2843 Max. 20% as per IEC 60754-1 POLYCAB FR-LSH <size sq.mm=""> 1100V IS : 694 <isi logo=""> CM/L- 2832257, HALOL - <ce marking=""></ce></isi></size>
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Note:-The values given above are subject to tolerances as per the relevant standards.

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