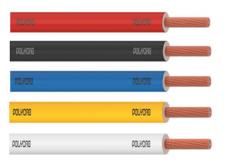


CABLES





## **FR-LSH SINGLE CORE FLEXIBLE CABLE**

## **Document ID: TE/QMS/F/02**

## **DESIGN CODE : LDIS09CYUAYL001C150S**

Particulars	1 Core X 150 Sq.mm.
Name of Manufacturer Type of cable Voltage Grade (Volts) No of cores X size in Sq.mm.	Polycab India Ltd FR-LSH 1100 1 Core X 150 Sq.mm.
Conductor	
<ul> <li>a) Material</li> <li>b) Max. d.c. resistance of conductor at 20° C (ohm/km)</li> </ul>	Plain annealed high conductivity flexible copper conductor as per Class 5 of IS 8130/2013, latest 0.129
c) Shape of the conductor	Flexible Circular
Insulation	
<ul> <li>a) Material</li> <li>b) Nominal thickness (mm)</li> <li>c) Core identification</li> <li>Approx. overall diameter of the cable in mm</li> <li>Maximum conductor temperature under normal operating condition</li> <li>Maximum conductor temperature at the terminal of short circuit</li> <li>High voltage test</li> </ul> Continuous Current carrying capacities <ul> <li>a) In Air at 40° C (A)</li> <li>Applicable Standard</li> <li>Minimum bending radius</li> </ul>	FR-LSH PVC TYPE D as per IS 5831/1984, Latest 1.8 Red / Black / Blue / Yellow / White / Grey 19.2 70° C 160° C 3kv :- 343 IS 8130/2013, IS 5831/1984, IS 694/2010, etc. with latest up to date updates 6 times Overall diameter
FR-LSH Properties	
<ul> <li>a) Oxygen Index</li> <li>b) Temperature Index</li> <li>c) Smoke density ratting</li> <li>d) Acid gas generation</li> <li>Standard packing length</li> <li>Printing</li> </ul>	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 60754-1 100 meter coil, 300 meter coil, 500 meter, 1000 meter (Higher quantity in wodden drum) 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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