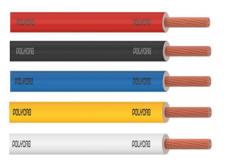


CABLES





FR-LSH SINGLE CORE FLEXIBLE CABLE

Document ID: TE/QMS/F/02

DESIGN CODE : LDIS09CYUAYL001C185S

Particulars	1 Core X 185 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 185 Sq.mm.
Conductor	
 a) Material b) Max. d.c. resistance of conductor at 20° C (ohm/km) 	Plain annealed high conductivity flexible copper conductor as per Class 5 of IS 8130/2013, latest 0.106
c) Shape of the conductor	Flexible Circular
Insulation	
 a) Material b) Nominal thickness (mm) c) Core identification Approx. overall diameter of the cable in mm Maximum conductor temperature under normal operating condition Maximum conductor temperature at the terminal of short circuit High voltage test Continuous Current carrying capacities a) In Air at 40° C (A) Applicable Standard 	FR-LSH PVC TYPE D as per IS 5831/1984, Latest 2 Red / Black / Blue / Yellow / White / Grey 21.5 70° C 160° C 3kv :- 391 IS 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 Standard packing length 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 60754-1 100 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>
Rev. No.: 00	Issued Date : 10/06/2021

Note:-The values given above are subject to tolerances as per the relevant standards.

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