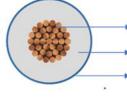
## CABLES





Bunched Copper Conductor

FR-LF base Insulation
FR-LF skin Insulation

# FR-LF SINGLE CORE FLEXIBLE CABLE

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

#### DESIGN CODE : LDIS09CYUAYF001C006S

Particulars	1 Core X 6 Sq.mm
Name of Manufacturer Type of cable Voltage Grade (Volts) No of cores X size in Sq.mm.	Polycab India Ltd LF FR 1100 1 Core X 6 Sq.mm
Conductor	
a) Material b) Max. d.c. resistance of conductor at 20°C (ohm/km)	Multi stranded copper conductor as per Class 5 of IS 8130/2013, latest 3.3
c) Shape of the conductor	Flexible Circular
Insulation	
a) Material b) Nominal thickness (mm) c) Core identification d) Maximum overall diameter of the cable in mm	FR-LF PVC TYPE D as per IS 5831/1984, Latest 0.8 Red / Yellow / Blue / Black / Green / any customised colour 5.3
Electrical Parameters	
Maximum conductor temperature under normal operating condition Maximum conductor temperature at the terminal of short circuit	70°C 160°C
Continuous Current carrying capacities	5 :-
a) In Air at 40°C (A) Applicable Standard Minimum bending radius FR Properties	37 IS 8130/2013, IS 5831/1984, IS 694/2010, etc. with latest up to date updates 6 times Overall diameter
a) Oxygen Index b) Temperature Index Printing	Min. 29% as per ASTM D-2863 Min. 250 Deg. C as per ASTM D-2863 POLYCAB LF FR <size sq.mm=""> 1100V IS : 694 <isi logo=""> CM/L- 2832257, HALOL - <ce marking=""></ce></isi></size>

#### Rev. No.: 00

#### Issued Date : 23/02/2022

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

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