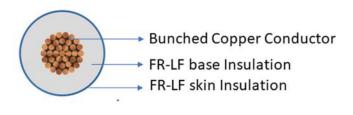


CABLES





FR-LF SINGLE CORE FLEXIBLE CABLE

Document ID: TE/QMS/F/02	DESIGN CODE: LDIS09CYUAYF001C016S
Particulars	1 Core X 16 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 16 Sq.mm
Conductor	
 a) Material b) Max. d.c. resistance of conductor at 20° C (ohm/km) c) Shape of the conductor 	Multi stranded copper conductor as per Class 5 of IS 8130/2013, latest 1.21 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 1.0 Red / Yellow / Blue / Black / Green / any customised colour 8.1
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	t s
a) In Air at 40° C (A)b) Applicable Standardc) Minimum bending radius	68 IS 8130/2013, IS 5831/1984, IS 694/2010, etc. with latest up to date updates 6 times Overall diameter
FR Properties	
Oxygen Index Temperature Index	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</size>
Printing	<pre><isi logo=""> CM/L- 2832257, HALOL - <ce marking=""></ce></isi></pre>

Issued Date: 23/02/2022 Rev. No.: 00

Note:-The values given above are subject to tolerances as per the relevant standards. www.polycab.com | Toll Free No - 1800 267 0008 | Email: enquiry@polycab.com