







LT XLPE CABLE

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Particulars	3.5 Core X 95 Sq.mm
Name of Manufacturer	Polycab India Ltd
Type of cable	2XFY
Voltage Grade V	1100
No of cores X size in sqmm	3.5 Core X 95 Sq.mm
Conductor	
a) Material	Plain annealed Copper as per Class 2 of
,	IS:8130/2013, latest
b) Max. D.C. resistance of conductor at 20° C (ohm/km) Main	0.193
Neutral	0.387
c) Shape of the conductor	Stranded Compacted Sector
Insulation	
a) Material	XLPE as per IS 7098(Pt-1)/88, Latest
b) Nominal thickness (mm) Main	1.1
Neutral	1.0
c) Core identification	Red, Yellow, Blue, Black
Inner Sheath	
a) Material	Extruded PVC Type ST2 as per IS:5831/84
b) Minimum thickness (mm)	0.4
Armouring	
a) Material	Galvanised Steel
b) Type of armouring	Flat Strip
c) Nominal size of armour (mm)	4.0×0.8
d) Tolerance on armour dimensions	± 10%
Outer Sheath	
a) Material	Extruded FR-LSH PVC Type 'ST2' as per IS:5831
b) Thickness (mm)	1.56 (Min.)
c) Colour of outer sheath.	Black
Electrical Parameters	
a) Max. a.c. resistance of conductor at 90° C (ohm/km)	0.247
b) Calculated Cable reactance (ohm/km)	0.0725

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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



CABLES

9.1213
0.257
0.65
90°C
250°C
200 0
13.59
13.39
054
254
279
IS 7098 Part I/88, IS 8130, IS 5831, IS 3975
etc. with latest up to date amendments
34.5 +/- 2.0
12 times Overall diameter
9 x D ² , D is the cable OD in mm
16.750
16,750
POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE
FR-LSH
YEAR POLYCAB ELECTRIC 1100 VOLTS GRADE
XLPE FR-LSH CABLE SIZE CABLE TYPE WITH
SEQUENTIAL MARKING at every one meter
interval.
500 ± 5%
Maximum 5% of order quantity
mammam 670 of order quantity
Min. 29% as per ASTM D- 2863
Min. 250 Deg.C as per ASTM D- 2863
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Max. 60% as per ASTM D- 2843
Max. 20% as per IEC- 754- 1
As per IEC:332-I

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