

FR & FR - LSH SINGLE CORE HOUSING / INDUSTRIAL WIRES

CABLE CONSTRUCTION

- Conductor : 100% Bunched Copper Conductor Class-5 As Per IS:8130
- Insulation : PVC As Per IS : 5831
- Colour : Red, Yellow, Green, Blue, Black, White, Grey, Brown, Orange, Green/Yellow or as per customer requirement.
- Operating Temperature : -10 °C to 90 °C
- Voltage Grade : Upto 1100 V
- Test Voltage : 3000 V AC
IS 694 : 2010 BS : 6004



TECHNICAL DATA

SINGLE CORE FR & FR-LSH PVC INSULATED BUILDING AND INDUSTRIAL CABLE AS PER IS 694 : 2010

Nominal Area In Sq.mm	No./Dia of Wire No./mm	Outer Diameter (Max.) In mm	Insulation Thickness (Nominal) In mm	Resistance (20°c) Max. Ohm/Km	Current Rating In Amps.
0.50	16/0.2	2.6	0.6	39.0	4
0.75	24/0.2	2.8	0.6	26.0	7
1.00	14/0.3	3.0	0.6	18.10	12
1.50	22/0.3	3.4	0.7	12.10	17
2.50	36/0.3	4.1	0.8	7.41	23
4.00	56/0.3	4.8	0.8	4.95	29
6.00	56/0.3	5.3	0.8	3.30	37
10.00	84/0.3	7.0	1.0	1.91	51
16.00	80/0.4	8.1	1.0	1.21	68
25.00	126/0.4	10.2	1.2	0.780	86
35.00	196/0.4	11.7	1.2	0.554	110
50.00	396/0.4	13.9	1.4	0.386	145