



Bunched Copper Conductor
Insulation
FR- Lsh Outer Sheath

FR-LSH MULTICORE FLEXIBLE CABLE

Document ID

Particulars	2 CORE X 1 Sq .mm
Name of MANUFACTURER	AMPSCAB india pvt Ltd
Type of cable	YY
Voltage Grade (Volts)	1100
No of cores x size in sq.mm	1 CORE X 1 SQ.mm
Conductor	
Material	Plainannealed high conductivity flexiblecopper conductor as per class 5 o`
b) Max. d.c. resistance of comductor at 20 C ohm/km)	19.5
c)shape of conductor	
Insulation	
a) Material	FR-LSH PVC TYPE D as per IS 5831/1984 latest
b) Nomonal thickness (mm)	0.6
c) Core identification	red/black
Sheath	
a) Materiel	PVC TYPE D as per IS 5831/1984 Latest
b) Nominal thickness (mm)	0.9
c) Colour of outer sheath	Black
Approx overall diameter of thr cable in mm	6.8+/-2
Electrical Parameters	
Maximum conductor hemperature under normal Coperating condition	70°
Maximum conductor hemperature at the terminal Cof short circuit	160°
High voltage test	3KV
Continuous Current carrying capacities	
a) in Air at 40°C	14
Applicable Standard	IS 8130/2013 IS 694/2010 erc with up to date updates

Minimum bending radius

8 times Overall diameter

FR-LSH Properties

a) Oxygen index

MIN 29 % as per ASTM D- 2863

b) Temperature index

MIN 250° Deg C as per ASTM D-2843

c) Smoke density rating

MAX 60% AS PER ASTM D- 2843

d) Acid gas generation

MAX 20% AS PER IEC 60754-1

standard packing length

**100 Meter coil 300 meter coil 500 1000 m
(Higher quantity in wooden drum)**