



BUNCHED Copper Conductor  
FR-LSH base INSULATION  
FR- LSH skin INSULATION

## FR-LSH SINGLE CORE FLEXIBLE CABLE

Document ID :

<b>Particulars</b>	<b>1 CORE X 95 Sq .mm</b>
Name of MANUFACTURER	AMPSCAB INDIA PVT LTD
Type of cable	Fr-LSH
Voltage Grade (Volts)	1100
No of cores x size in sq.mm	1 CORE X 95 SQ.mm
<b>Conductor</b>	
Material	plainannealed high conductivity FLEXIBEL copper conductor as per class 5 of
b) Max. d.c. resistance of conductor at 20 C ohm/km)	0.206
c)shape of conductor	flexibel Circular
<b>Insulation</b>	
a) Material	FR-LSH PVC TYPE D as per IS 5831/1984 larest
b) Nomonal thickness (mm)	1.6
c) core identification	red/black/blue/yellow/white/grey
Approx overall diameter of the cable in mm	15.7
Maximum conductor temperature under noramal operating condition	70 C
Maximum conductor temperature at the terminal of circuit	160 C
high voltage test	3kv
<b>Coninuous Current carrying capacities</b>	
a) in Air at 40 C (A)	257
Applicable Standard	IS 8130/2013 IS 694/2010.ect with
Minimum bending radius	6 times Overall diameter
<b>FR-LSH Properties</b>	
a) Oxgen index	MIN 29 % as per ASTM D- 2863
b) Temperature index	MIN 250 Deg C as per ASTM D-2843
c) Smoke density ratting	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)

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