



ÖLFLEX® 100 I FR-LSH
ISI marked PVC FR-LSH cable

Info

- ISI marked cable, FR-LSH For reduced Halogen and Smoke



Benefits

- Space-saving installation due to small cable diameter
- High electrical performance due to 3 kV test voltage
- Protection of human life and the environment due to reduced smoke and low toxicity

Application range

- Plant engineering and installation, Industrial machinery
- Power circuit for Air conditioning installations
- Main power circuit to individual apartments
- Dry or damp interiors under medium mechanical load conditions

- For fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load

Product features

- Flame retardant: According to IEC 60332-1 / IS 10810-53
- Low smoke and Low Halogen : As per data sheet

Norm references / Approvals

- IS:694:2010

Product Make-up

- Conductor : Bare copper wires of fine strands
- Insulation : PVC Type D
- Outer Sheath: PVC FR-LSH ST 3 Grey (RAL 7001)

Technical data

- Core identification code**
Coloured
- Conductor stranding**
Bare copper, fine wire strand class 5 in acc. to IS 8130-1984
- Minimum bending radius**
Occasional flexing installation: 15 x cable OD, Fixed installation: 4 X Cable OD
- Nominal voltage**
UM : 1100, Up to and including 1100 V in acc. to IS 694:2010
- Temperature range**
-5°C up to +70°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX 100 I FR-LSH					
380800205	2 X 0.5	6.1	grey	9.0	58
380800305	3 X 0.5	6.4	grey	14.0	66
380800315	3 G 0.5	6.4	grey	14.0	66
380800405	4 X 0.5	7.0	grey	18.0	79
380800415	4 G 0.5	7.0	grey	18.0	79
380810205	2 X 0.75	6.5	grey	13.0	68
380810305	3 X 0.75	6.9	grey	20.0	79
380810315	3 G 0.75	6.9	grey	20.0	79
380810405	4 X 0.75	7.5	grey	26.0	95
380810415	4 G 0.75	7.5	grey	26.0	95
380820205	2 X 1.0	6.8	grey	17.0	76
380820305	3 X 1.0	7.2	grey	26.0	90
380820315	3 G 1.0	7.2	grey	26.0	90
380820405	4 X 1.0	7.9	grey	34.0	108
380820415	4 G 1.0	7.9	grey	34.0	108
380830205	2 X 1.5	7.4	grey	25.0	94
380830305	3 X 1.5	7.8	grey	37.0	111
380830315	3 G 1.5	7.8	grey	37.0	111
380830405	4 X 1.5	8.8	grey	50.0	141
380830415	4 G 1.5	8.8	grey	50.0	141
380830505	5 X 1.5	9.6	grey	62.0	166
380830515	5 G 1.5	9.6	grey	62.0	166
380840205	2 X 2.5	9.0	grey	42.0	138
380840305	3 X 2.5	9.6	grey	63.0	166
380840315	3 G 2.5	9.6	grey	63.0	166
380840405	4 X 2.5	10.5	grey	84.0	203
380840415	4 G 2.5	10.5	grey	84.0	203
380840505	5 X 2.5	11.5	grey	105.0	243
380840515	5 G 2.5	11.5	grey	105.0	243
380850305	3 X 4.0	11.1	grey	104.0	247
380850315	3 G 4.0	11.1	grey	104.0	247
380850405	4 X 4.0	12.2	grey	138.0	303
380850415	4 G 4.0	12.2	grey	138.0	303
380850505	5 X 4.0	13.6	grey	173.0	373
380850515	5 G 4.0	13.6	grey	173.0	373
380860305	3 X 6.0	12.8	grey	158.0	345
380860315	3 G 6.0	12.8	grey	158.0	345
380860405	4 X 6.0	14.1	grey	210.0	425
380860415	4 G 6.0	14.1	grey	210.0	425
380860505	5 X 6.0	15.7	grey	263.0	522
380860515	5 G 6.0	15.7	grey	263.0	522
380861305	3 X 10.0	16.2	grey	260.0	556
380861315	3 G 10.0	16.2	grey	260.0	556

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
380861405	4 X 10.0	17.9	grey	346.0	688
380861415	4 G 10.0	17.9	grey	346.0	688
380861505	5 X 10.0	19.7	grey	433.0	830
380861515	5 G 10.0	19.7	grey	433.0	830
380862305	3 X 16.0	18.4	grey	407.0	771
380862315	3 G 16.0	18.4	grey	407.0	771
380862405	4 X 16.0	20.3	grey	542.0	963
380862415	4 G 16.0	20.3	grey	542.0	963
380862505	5 X 16.0	22.7	grey	678.0	1,183
380862515	5 G 16.0	22.7	grey	678.0	1,183
380863305	3 X 25.0	22.7	grey	670.0	1,213
380863315	3 G 25.0	22.7	grey	670.0	1,213
380863405	4 X 25.0	25.3	grey	893.0	1,537
380863415	4 G 25.0	25.3	grey	893.0	1,537
380863505	5 X 25.0	28.2	grey	1,117.0	1,882
380863515	5 G 25.0	28.2	grey	1,117.0	1,882
380864305	3 X 35.0	25.7	grey	886.0	1,552
380864315	3 G 35.0	25.7	grey	886.0	1,552
380864405	4 X 35.0	28.7	grey	1,181.0	1,967
380864415	4 G 35.0	28.7	grey	1,181.0	1,967
380864505	5 X 35.0	32.0	grey	1,476.0	2,401
380864515	5 G 35.0	32.0	grey	1,476.0	2,401
380865305	3 X 50.0	30.6	grey	1,244.0	2,226
380865315	3 G 50.0	30.6	grey	1,244.0	2,226
380865405	4 X 50.0	33.9	grey	1,659.0	2,793
380865415	4 G 50.0	33.9	grey	1,659.0	2,793
ÖLFLEX® 100 I FR-LSH UVAR					
380800225	2 X 0.5	6.1	grey	9.0	58
380800325	3 X 0.5	6.4	grey	14.0	66
380800335	3 G 0.5	6.4	grey	14.0	66
380800425	4 X 0.5	7.0	grey	18.0	79
380800435	4 G 0.5	7.0	grey	18.0	79
380810225	2 X 0.75	6.5	grey	13.0	68
380810325	3 X 0.75	6.9	grey	20.0	79
380810335	3 G 0.75	6.9	grey	20.0	79
380810425	4 X 0.75	7.5	grey	26.0	95
380810435	4 G 0.75	7.5	grey	26.0	95
380820225	2 X 1.0	6.8	grey	17.0	76
380820325	3 X 1.0	7.2	grey	26.0	90
380820335	3 G 1.0	7.2	grey	26.0	90
380820425	4 X 1.0	7.9	grey	34.0	108
380820435	4 G 1.0	7.9	grey	34.0	108
380830225	2 X 1.5	7.4	grey	25.0	94
380830325	3 X 1.5	7.8	grey	37.0	111
380830335	3 G 1.5	7.8	grey	37.0	111
380830425	4 X 1.5	8.8	grey	50.0	141
380830435	4 G 1.5	8.8	grey	50.0	141
380830525	5 X 1.5	9.6	grey	62.0	166
380830535	5 G 1.5	9.6	grey	62.0	166
380840225	2 X 2.5	9.0	grey	42.0	138
380840325	3 X 2.5	9.6	grey	63.0	166
380840335	3 G 2.5	9.6	grey	63.0	166
380840425	4 X 2.5	10.5	grey	84.0	203
380840435	4 G 2.5	10.5	grey	84.0	203
380840525	5 X 2.5	11.5	grey	105.0	243
380840535	5 G 2.5	11.5	grey	105.0	243
380850325	3 X 4.0	11.1	grey	104.0	247
380850335	3 G 4.0	11.1	grey	104.0	247
380850425	4 X 4.0	12.2	grey	138.0	303
380850435	4 G 4.0	12.2	grey	138.0	303
380850525	5 X 4.0	13.6	grey	173.0	373
380850535	5 G 4.0	13.6	grey	173.0	373
380860325	3 X 6.0	12.8	grey	158.0	345
380860335	3 G 6.0	12.8	grey	158.0	345
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380863335	3 G 25.0	22.7	grey	670.0	1,213
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380863435	4 G 25.0	25.3	grey	893.0	1,537
380863525	5 X 25.0	28.2	grey	1,117.0	1,882

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380863535	5 G 25.0	28.2	grey	1,117.0	1,882
380864325	3 X 35.0	25.7	grey	886.0	1,552
380864335	3 G 35.0	25.7	grey	886.0	1,552
380864425	4 X 35.0	28.7	grey	1,181.0	1,967
380864435	4 G 35.0	28.7	grey	1,181.0	1,967
380864525	5 X 35.0	32.0	grey	1,476.0	2,401
380864535	5 G 35.0	32.0	grey	1,476.0	2,401
380865325	3 X 50.0	30.6	grey	1,244.0	2,226
380865335	3 G 50.0	30.6	grey	1,244.0	2,226
380865425	4 X 50.0	33.9	grey	1,659.0	2,793
380865435	4 G 50.0	33.9	grey	1,659.0	2,793

Unless specified otherwise, the shown product values are nominal values at room temperature. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

Photographs are not to scale and do not represent detailed images of the respective products.