



ÖLFLEX® INFRA FR-LSH

Halogen free flame retardant single core

Info

- Standard lengths available in 90m, 180m, 270m



Benefits

- IS compliant LAPP certified
- Safe for human life and the environment thanks to the reduced smoke and halogen in case of fire

Application range

- Building wire for installation on wall surface or in concealed conduits
- For lighting and power applications in Buildings -Residential and Commercial, Hotels, Hospitals & IT Parks
- For use in dry rooms

- In application area with a high density of people or valuable assets for increased safety

Product features

- Flame retardant- IEC 60332.1/ IS 10810-53
- Higher conductivity
- Insulation of FR-LSH PVC Type D, with additional LAPP special properties

Product Make-up

- Conductor: Stranded Annealed Bare copper
- Core Insulation : Lapp special PVC

Technical data

- Conductor stranding**
Class V as per IS 8130/IEC 60228
- Minimum bending radius**
Static-6 x cable diameter
Occasional flexing- 8 x cable diameter
- Nominal voltage**
UM 1100 Volts
- Temperature range**
-5°C to 70°C

Article number	Design	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® INFRA FR-LSH						
8210011	1 X 0.5	1 X 0.5	2.6	black	4.6	9.2851
8210031	1 X 0.5	1 X 0.5	2.6	brown	4.6	9.2851
8210021	1 X 0.5	1 X 0.5	2.6	blue	4.6	9.2851
8210141	1 X 0.5	1 X 0.5	2.6	dark blue	4.6	9.2851
8210121	1 X 0.5	1 X 0.5	2.6	green	4.6	9.2851
8210001	1 X 0.5	1 X 0.5	2.6	green-yellow	4.6	9.2851
8210061	1 X 0.5	1 X 0.5	2.6	grey	4.6	9.2851
8210091	1 X 0.5	1 X 0.5	2.6	orange	4.6	9.2851
8210081	1 X 0.5	1 X 0.5	2.6	pink	4.6	9.2851
8210041	1 X 0.5	1 X 0.5	2.6	red	4.6	9.2851
8210071	1 X 0.5	1 X 0.5	2.6	violet	4.6	9.2851
8210051	1 X 0.5	1 X 0.5	2.6	white	4.6	9.2851
8210111	1 X 0.5	1 X 0.5	2.6	yellow	4.6	9.2851
8210012	1 X 0.75	1 X 0.75	2.8	black	7.2	12.4896
8210032	1 X 0.75	1 X 0.75	2.8	brown	7.2	12.4896
8210022	1 X 0.75	1 X 0.75	2.8	blue	7.2	12.4896
8210142	1 X 0.75	1 X 0.75	2.8	dark blue	7.2	12.4896
8210122	1 X 0.75	1 X 0.75	2.8	green	7.2	12.4896
8210002	1 X 0.75	1 X 0.75	2.8	green-yellow	7.2	12.4896
8210062	1 X 0.75	1 X 0.75	2.8	grey	7.2	12.4896
8210092	1 X 0.75	1 X 0.75	2.8	orange	7.2	12.4896
8210082	1 X 0.75	1 X 0.75	2.8	pink	7.2	12.4896
8210042	1 X 0.75	1 X 0.75	2.8	red	7.2	12.4896
8210162	1 X 0.75	1 X 0.75	2.8	ultramarine blue	7.2	12.4896
8210072	1 X 0.75	1 X 0.75	2.8	violet	7.2	12.4896
8210052	1 X 0.75	1 X 0.75	2.8	white	7.2	12.4896
8210112	1 X 0.75	1 X 0.75	2.8	yellow	7.2	12.4896
8210013	1 X 1	1 X 1.0	3.0	black	9.6	15.343
8210033	1 X 1	1 X 1.0	3.0	brown	9.6	15.343
8210023	1 X 1	1 X 1.0	3.0	blue	9.6	15.343
8210143	1 X 1	1 X 1.0	3.0	dark blue	9.6	15.343
8210123	1 X 1	1 X 1.0	3.0	green	9.6	15.343
8210003	1 X 1	1 X 1.0	3.0	green-yellow	9.6	15.343
8210063	1 X 1	1 X 1.0	3.0	grey	9.6	15.343
8210093	1 X 1	1 X 1.0	3.0	orange	9.6	15.343
8210083	1 X 1	1 X 1.0	3.0	pink	9.6	15.343
8210043	1 X 1	1 X 1.0	3.0	red	9.6	15.343
8210163	1 X 1	1 X 1.0	3.0	ultramarine blue	9.6	15.343
8210073	1 X 1	1 X 1.0	3.0	violet	9.6	15.343
8210053	1 X 1	1 X 1.0	3.0	white	9.6	15.343
8210113	1 X 1	1 X 1.0	3.0	yellow	9.6	15.343
8220015	1 X 10	1 X 10.0	7.0	black	96.0	122.1962
8220035	1 X 10	1 X 10.0	7.0	brown	96.0	122.1962
8220025	1 X 10	1 X 10.0	7.0	blue	96.0	122.1962
8220145	1 X 10	1 X 10.0	7.0	dark blue	96.0	122.1962
8220125	1 X 10	1 X 10.0	7.0	green	96.0	122.1962
8220005	1 X 10	1 X 10.0	7.0	green-yellow	96.0	122.1962
8220065	1 X 10	1 X 10.0	7.0	grey	96.0	122.1962

Article number	Design	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
8220095	1 X 10	1 X 10.0	7.0	orange	96.0	122.1962
8220085	1 X 10	1 X 10.0	7.0	pink	96.0	122.1962
8220045	1 X 10	1 X 10.0	7.0	red	96.0	122.1962
8220165	1 X 10	1 X 10.0	7.0	ultramarine blue	96.0	122.1962
8220075	1 X 10	1 X 10.0	7.0	violet	96.0	122.1962
8220055	1 X 10	1 X 10.0	7.0	white	96.0	122.1962
8220115	1 X 10	1 X 10.0	7.0	yellow	96.0	122.1962
8220011	1 X 1.5	1 X 1.5	3.4	black	14.4	21.0498
8220031	1 X 1.5	1 X 1.5	3.4	brown	14.4	21.0498
8220021	1 X 1.5	1 X 1.5	3.4	blue	14.4	21.0498
8220141	1 X 1.5	1 X 1.5	3.4	dark blue	14.4	21.0498
8220121	1 X 1.5	1 X 1.5	3.4	green	14.4	21.0498
8220001	1 X 1.5	1 X 1.5	3.4	green-yellow	14.4	21.0498
8220061	1 X 1.5	1 X 1.5	3.4	grey	14.4	21.0498
8220091	1 X 1.5	1 X 1.5	3.4	orange	14.4	21.0498
8220081	1 X 1.5	1 X 1.5	3.4	pink	14.4	21.0498
8220041	1 X 1.5	1 X 1.5	3.4	red	14.4	21.0498
8220161	1 X 1.5	1 X 1.5	3.4	ultramarine blue	14.4	21.0498
8220071	1 X 1.5	1 X 1.5	3.4	violet	14.4	21.0498
8220051	1 X 1.5	1 X 1.5	3.4	white	14.4	21.0498
8220111	1 X 1.5	1 X 1.5	3.4	yellow	14.4	21.0498
8220012	1 X 2.5	1 X 2.5	4.1	black	24.0	33.5213
8220032	1 X 2.5	1 X 2.5	4.1	brown	24.0	33.5213
8220022	1 X 2.5	1 X 2.5	4.1	blue	24.0	33.5213
8220142	1 X 2.5	1 X 2.5	4.1	dark blue	24.0	33.5213
8220122	1 X 2.5	1 X 2.5	4.1	green	24.0	33.5213
8220002	1 X 2.5	1 X 2.5	4.1	green-yellow	24.0	33.5213
8220062	1 X 2.5	1 X 2.5	4.1	grey	24.0	33.5213
8220092	1 X 2.5	1 X 2.5	4.1	orange	24.0	33.5213
8220082	1 X 2.5	1 X 2.5	4.1	pink	24.0	33.5213
8220042	1 X 2.5	1 X 2.5	4.1	red	24.0	33.5213
8220162	1 X 2.5	1 X 2.5	4.1	ultramarine blue	24.0	33.5213
8220072	1 X 2.5	1 X 2.5	4.1	violet	24.0	33.5213
8220052	1 X 2.5	1 X 2.5	4.1	white	24.0	33.5213
8220112	1 X 2.5	1 X 2.5	4.1	yellow	24.0	33.5213
8220013	1 X 4	1 X 4.0	4.8	black	38.4	50.0371
8220033	1 X 4	1 X 4.0	4.8	brown	38.4	50.0371
8220023	1 X 4	1 X 4.0	4.8	blue	38.4	50.0371
8220143	1 X 4	1 X 4.0	4.8	dark blue	38.4	50.0371
8220123	1 X 4	1 X 4.0	4.8	green	38.4	50.0371
8220003	1 X 4	1 X 4.0	4.8	green-yellow	38.4	50.0371
8220063	1 X 4	1 X 4.0	4.8	grey	38.4	50.0371
8220093	1 X 4	1 X 4.0	4.8	orange	38.4	50.0371
8220083	1 X 4	1 X 4.0	4.8	pink	38.4	50.0371
8220043	1 X 4	1 X 4.0	4.8	red	38.4	50.0371
8220163	1 X 4	1 X 4.0	4.8	ultramarine blue	38.4	50.0371
8220073	1 X 4	1 X 4.0	4.8	violet	38.4	50.0371
8220053	1 X 4	1 X 4.0	4.8	white	38.4	50.0371
8220113	1 X 4	1 X 4.0	4.8	yellow	38.4	50.0371
8220014	1 X 6	1 X 6.0	5.3	black	57.6	73.7207
8220034	1 X 6	1 X 6.0	5.3	brown	57.6	73.7207
8220024	1 X 6	1 X 6.0	5.3	blue	57.6	73.7207
8220144	1 X 6	1 X 6.0	5.3	dark blue	57.6	73.7207
8220124	1 X 6	1 X 6.0	5.3	green	57.6	73.7207
8220004	1 X 6	1 X 6.0	5.3	green-yellow	57.6	73.7207
8220064	1 X 6	1 X 6.0	5.3	grey	57.6	73.7207
8220094	1 X 6	1 X 6.0	5.3	orange	57.6	73.7207
8220084	1 X 6	1 X 6.0	5.3	pink	57.6	73.7207
8220044	1 X 6	1 X 6.0	5.3	red	57.6	73.7207
8220164	1 X 6	1 X 6.0	5.3	ultramarine blue	57.6	73.7207
8220074	1 X 6	1 X 6.0	5.3	violet	57.6	73.7207
8220054	1 X 6	1 X 6.0	5.3	white	57.6	73.7207
8220114	1 X 6	1 X 6.0	5.3	yellow	57.6	73.7207

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 available and have been released for publication.

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