



ÖLFLEX® POWER LV 2X FR-LSH ARM

XLPE Insulated Heavy Duty Application FR-LSH PVC Armoured Cable
As per IS 7098 (Part-I) 1988

Info

- Low voltage power cable 650/1100 V
- Armoured and double sheathed FR-LSH cable for heavy duty / direct burial application



Benefits

- Wide range of product variants, up to 300 articles
- Extra mechanical protection due to Steel Armour
- FR-LSH for increased safety

Application range

- For main power distribution and lighting circuits in residential and commercial areas
- Power and control circuit
- Telecom power supply
- Suitable for direct burial installations as well as in air or ducts
- Armoured cable best suitable for heavy duty installations
- For expanded temperature application
- Particularly where human and animal life as well as valuable property are exposed to risk of fire hazards

Norm references / Approvals

- IS 7098 (Part-I) 1988

Product features

- Flame retardant: According to IEC 60332-1-2 / IEC 60332-3-24
- UV - resistant outer sheath for outdoor application and AR best suitable anti rodent application
- Oxygen Index(Min.) : >29% as per ASTM D 2863 (only for FRLS Outer Sheath)
- Temp. Index (Min.) : >250 Deg C as per ASTM D 2863 (only for FRLS Outer Sheath)
- HCL gas emission (Max.): 20% By weight; Smoke Density : Min. Visibility 40% (only for FRLS Outer Sheath)

Product Make-up

- Conductor : Annealed bare copper conductor of Class II as per IS 8130
- Insulation : XLPE as per IS 7098-I
- Inner Sheath :
 - i) PVC ST II as per IS 5831;
 - ii) FRLS PVC ST II
- Mechanical Protection :
 - i) WA - Aluminium Wire Armour;
 - ii) SWA - GI wire Armour;
 - iii) SSA - GI strip Armour
- Outer Sheath :
 - i) FRLS PVC ST II;
 - ii) FRLS PVC ST II with UVAR

Technical data

- Core identification code**
As per IS 7098 (Part-I) 1988
- Conductor stranding**
Class II as per IS 8130
- Minimum bending radius**
15 Times the OD
- Nominal voltage**
1100 Volts
- Temperature range**
-5°C up to +90°C

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV 2X LSZH - RI2XH1BK				
382001262	1 X 240	27.5	2,104.9	2,492
ÖLFLEX® POWER LV 2X LSZH - RI2XH1BK				
382001131	3 X 1.5	11.5	40.0	195
382001132	3 X 1.5	12.3	53.3	226
382001138	10 X 1.5	17.0	133.2	373
382001140	12 X 1.5	17.5	159.8	416
382001191	3 X 2.5	12.4	65.2	241
382001192	4 X 2.5	13.2	87.0	281
382001208	20 X 2.5	23.5	435.0	846
382001198	10 X 2.5	18.6	217.5	487
382001284	3 X 4	13.4	103.8	303
382001310	4 X 4	14.5	138.4	365
382001287	3 X 16	19.1	416.1	770
382001312	4 X 10	18.1	348.7	670
382001299	3 x 25 + 1 x 16	23.3	797.0	1,157
382001304	3 x 120 + 1 x 70	39.9	3,704.2	4,468
382001296	3 X 240	48.9	6,314.7	7,435
382001322	4 X 240	53.7	8,419.6	9,786
ÖLFLEX® POWER LV 2X LSZH UVAR - RI2XH1BK				
382001444	1 X 4	7.6	34.6	97
382001453	1 X 120	20.6	1,037.3	1,293
382001459	1 X 500	37.9	4,336.3	4,969
382001462	1 X 1000	52.4	9,017.6	10,139

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV 2X LSZH UVAR - RI2XH1BK				
382001325	3 X 1.5	11.5	40.0	195
382001326	4 X 1.5	12.3	53.3	226
382001332	10 X 1.5	17.0	133.2	373
382001342	20 X 1.5	21.4	266.4	631
382001385	3 X 2.5	12.4	65.2	241
382001386	4 X 2.5	13.2	87.0	281
382001392	10 X 2.5	18.6	217.5	487
382001402	20 X 2.5	23.5	435.0	846
382001478	3 X 4	13.4	103.8	303
382001504	4 X 4	14.5	138.4	365
382001480	3 X 10	16.7	261.5	546
382001493	3 x 25 + 1 x 16	23.3	797.0	1,157
382001508	4 X 25	25.3	877.7	1,451
382001513	4 X 120	39.0	4,149.3	4,916
382001490	3 X 240	48.9	6,314.7	7,435
382001501	3 x 240 + 1 x 120	55.0	7,352.0	8,683
382001516	4 X 240	53.7	8,419.6	9,786
382001517	4 X 300	59.1	10,563.0	12,166
382001503	3 x 400 + 1 x 185	65.9	11,731.9	13,618

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.

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