



ÖLFLEX® POWER LV 2X FR-LSH

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



Benefits

- Wide range of product variants, up to 300 articles
- 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
- 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
- Outer Sheath :
 - i) FRLS PVC ST II;
 - ii) FRLS PVC ST II with UVAR

Info

- Low voltage power cable 650/1100 V
- Double sheathed FR-LSH cable for heavy duty application

Technical data

- Core identification code**
As per IS 7098 (Part-I) 1988
- Conductor stranding**
Class II as per IS 8130
- Minimum bending radius**
10 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 FRLS - RI2XYC21BK				
382000512	1 X 4	7.6	34.6	97
382000521	1 X 120	20.6	1,037.3	1,293
ÖLFLEX® POWER LV 2X FRLS - RI2XY2YC21BK				
382000393	3 X 1.5	11.5	40.0	191
382000394	4 X 1.5	12.3	53.3	222
382000400	10 X 1.5	17.0	133.2	369
382000402	12 X 1.5	17.5	159.8	412
382000453	3 X 2.5	12.4	65.2	237
382000454	4 X 2.5	13.2	87.0	276
382000460	10 X 2.5	18.6	217.5	483
382000462	12 X 2.5	19.2	261.0	546
382000573	4 X 6	15.9	207.2	461
382000574	4 X 10	18.1	348.7	660
382000575	4 X 16	21.2	554.8	964
382000576	4 X 25	25.3	877.7	1,432
382000566	3 x 120 + 1 x 70	39.9	3,704.2	4,459
382000555	3 X 120	37.0	3,112.0	3,784
382000584	4 X 240	53.7	8,419.6	9,773
ÖLFLEX® POWER LV 2X FRLS - RI2XY2YC21BK				
382000781	3 X 1.5	11.5	40.0	195
382000841	3 X 2.5	12.4	65.2	241
382000915	3 X 4	13.4	103.8	303
382000916	3 X 6	14.7	155.4	387
382000947	4 X 50	28.0	1,640.4	2,112

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV 2X FRLS UVAR - RI2XYC2UVAR1BK				
382000712	1 X 50	14.4	410.1	562
382000717	1 X 185	24.8	1,601.5	1,940
382000718	1 X 240	27.5	2,104.9	2,492
382000720	1 X 400	33.9	3,376.8	3,920
ÖLFLEX® POWER LV 2X FRLS UVAR - RI2XY2YC2UVAR1BK				
382000587	3 X 1.5	11.5	40.0	191
382000589	5 X 1.5	13.1	66.6	255
382000603	19 X 1.5	20.4	253.1	594
382000608	24 X 1.5	23.4	319.7	727
382000647	3 X 2.5	12.4	65.2	237
382000648	4 X 2.5	13.2	87.0	276
382000654	10 X 2.5	18.6	217.5	483
382000656	12 X 2.5	19.2	261.0	546
382000725	3 X 4	12.8	69.2	254
382000740	4 X 4	13.4	103.8	297
382000742	3 X 10	16.7	261.5	537
ÖLFLEX® POWER LV 2X FRLS UVAR - RI2XY2YC2UVAR1BK				
382001094	3 X 25	23.1	658.3	1,159
382001105	3 x 25 + 1 x 16	23.3	797.0	1,157
382001120	4 X 25	25.3	877.7	1,451

- 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.