



ÖLFLEX® POWER LV 2X LSZH ARM

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



Benefits

- Wide range of product variants, up to 300 articles
- Extra mechanical protection due to Steel Armour
- LSZH with increased safety installation

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 : LSZH
- Mechanical Protection :
 - WA - Aluminium Wire Armour;
 - SWA - GI wire Armour;
 - SSA - GI strip Armour
- Outer Sheath :
 - LSZH;
 - LSZH with UVAR

Info

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

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 ARM - RI2XWAhX1BK				
382003120	1 X 240	31.5	2,104.9	3,981
ÖLFLEX® POWER LV 2X LSZH SSA - RI2XSSAHX1BK				
382002773	1 X 120	22.6	1,037.3	2,437
382002776	1 X 240	29.9	2,104.9	4,113
382002782	1 X 1000	54.6	9,017.6	13,208
ÖLFLEX® POWER LV 2X LSZH SSA - RI2XHXSSAHX1BK				
382002662	20 X 1.5	22.9	266.4	1,794
382002722	20 X 2.5	25.0	435.0	2,122
382002826	4 X 10	20.0	348.7	1,654
382002813	3 x 25 + 1 x 16	24.7	797.0	2,416
382002818	3 x 120 + 1 x 70	41.7	3,704.2	6,776
382002833	4 X 120	40.8	4,149.3	7,160
382002810	3 X 240	50.3	6,314.7	10,195
382002821	3 x 240 + 1 x 120	56.6	7,352.0	11,839
382002797	2 X 400	51.6	6,753.6	10,747
382002812	3 X 400	60.5	10,130.4	15,038
ÖLFLEX® POWER LV 2X LSZH SWA - RI2XSWAHX1BK				
382002764	1 X 4	10.8	34.6	1,293
ÖLFLEX® POWER LV 2X LSZH SWA - RI2XHXSWAHX1BK				
382002652	10 X 1.5	20.1	133.2	1,461
382002645	3 X 1.5	14.2	40.0	1,575
382002646	4 X 1.5	15.0	53.3	1,704
382002704	2 X 2.5	14.5	43.5	1,622
382002705	3 X 2.5	15.1	65.2	1,742
382002706	4 X 2.5	15.9	87.0	1,879
382002783	2 X 4	15.5	69.2	1,816
382002798	3 X 4	16.1	103.8	1,935
382002824	4 X 4	17.2	138.4	1,844
382002800	3 X 10	19.8	261.5	2,294

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 ARM UVAR - RI2XWAhXUVAR1BK				
382003136	1 X 120	24.2	1,037.3	2,382
ÖLFLEX® POWER LV 2X LSZH UVAR - RI2XHXHUVAR1BK				
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
ÖLFLEX® POWER LV 2X LSZH SSA UVAR - RI2XSSAHXUVAR1BK				
382002970	1 X 240	29.9	2,104.9	4,113
382002976	1 X 1000	54.6	9,017.6	13,208
ÖLFLEX® POWER LV 2X LSZH SSA UVAR - RI2XHXSSAHXUVAR1BK				
382002956	60 X 2.5	35.9	1,305.0	4,082
382003020	4 X 10	20.0	348.7	1,654
382002995	3 X 16	21.0	416.1	1,823
382003012	3 x 120 + 1 x 70	41.7	3,704.2	6,776
382003027	4 X 120	40.8	4,149.3	7,160
382003004	3 X 240	50.3	6,314.7	10,195
ÖLFLEX® POWER LV 2X LSZH SWA UVAR - RI2XSWAHXUVAR1BK				
382002958	1 X 4	10.8	34.6	1,293
ÖLFLEX® POWER LV 2X LSZH SWA UVAR - RI2XHXSWAHXUVAR1BK				
382002839	3 X 1.5	14.2	40.0	1,575
382002840	4 X 1.5	15.0	53.3	1,704
382002899	3 X 2.5	15.1	65.2	1,742
382002900	4 X 2.5	15.9	87.0	1,879
382003018	4 X 4	17.2	138.4	1,844

• 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.