



# ÖLFLEX® POWER LV 2X FR

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

## Info

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



## Benefits

- Wide range of product variants, up to 300 articles

## 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

## Norm references / Approvals

- IS 7098 (Part-I) 1988

## Product features

- Flame retardant: According to IEC 60332-1
- UV - resistant outer sheath for outdoor application and AR best suitable anti rodent application

## Product Make-up

- Conductor : Annealed bare copper conductor of Class II as per IS 8130
- Insulation : XLPE as per IS 7098-I
- Inner Sheath : PVC
- Outer Sheath :
  - i) PVC ST II as per IS 5831;
  - ii) PVC ST II as per IS 5831 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**  
10 Times the OD
- Nominal voltage**  
1100 Volts
- Temperature range**  
-5°C up to +90°C

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® POWER LV 2X FR - RI2XY2Y21BK</b>				
382000005	3 X 1.5	11.5	40.0	183
382000006	4 X 1.5	12.3	53.3	214
382000012	10 X 1.5	17.0	133.2	357
382000014	12 X 1.5	17.5	159.8	400
382000022	20 X 1.5	21.4	266.4	609
382000065	3 X 2.5	12.4	65.2	228
382000066	4 X 2.5	13.2	87.0	267
382000072	10 X 2.5	18.6	217.5	470
382000074	12 X 2.5	19.2	261.0	532
382000082	20 X 2.5	23.5	435.0	823
382000158	3 X 4	13.4	103.8	288
382000184	4 X 4	14.5	138.4	349
382000159	3 X 6	14.7	155.4	370
382000185	4 X 6	15.9	207.2	450
382000160	3 X 10	16.7	261.5	526
382000186	4 X 10	18.1	348.7	647
382000173	3 x 25 + 1 x 16	23.3	797.0	1,133
382000188	4 X 25	25.3	877.7	1,411
382000174	3 x 35 + 1 x 16	25.3	1,052.0	1,424
382000189	4 X 35	28.2	1,217.7	1,851
382000181	3 x 240 + 1 x 120	55.0	7,352.0	8,607
382000196	4 X 240	53.7	8,419.6	9,711
<b>ÖLFLEX® POWER LV 2X FR - RI2XY21BK</b>				
382000124	1 X 4	7.6	34.6	93
382000130	1 X 50	14.4	410.1	552
382000137	1 X 300	30.6	2,640.8	3,083
382000142	1 X 1000	52.4	9,017.6	10,078
<b>ÖLFLEX® POWER LV 2X FR UVAR - RI2XY2Y2UVAR1BK</b>				
382000199	3 X 1.5	11.5	40.0	183
382000200	4 X 1.5	12.3	53.3	214
382000206	10 X 1.5	17.0	133.2	357
382000216	20 X 1.5	21.4	266.4	609
382000259	3 X 2.5	12.4	65.2	228
382000260	4 X 2.5	13.2	87.0	267
382000266	10 X 2.5	18.6	217.5	470
382000276	20 X 2.5	23.5	435.0	823
382000316	60 X 2.5	34.4	1,305.0	2,098
382000383	4 X 35	28.2	1,217.7	1,851
382000372	3 x 120 + 1 x 70	39.9	3,704.2	4,422
382000387	4 X 120	39.0	4,149.3	4,872
<b>ÖLFLEX® POWER LV 2X FR UVAR - RI2XY2UVAR1BK</b>				
382000318	1 X 4	7.6	34.6	93
382000330	1 X 240	27.5	2,104.9	2,470

• 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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