



ÖLFLEX® POWER LV HR PVC FR

PVC Insulated Heavy Duty Application Heat Resistant (HR) FR PVC Cable

As per IS 1554 (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
- Expanded temperature application

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

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 : PVC Type C as per IS 5831
- Inner Sheath : PVC
- Outer Sheath :
 - PVC ST II as per IS 5831;
 - PVC ST II as per IS 5831 with UVAR

Technical data

- Core identification code**
As per IS 1554 (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 +85°C

Norm references / Approvals

- IS 1554 (Part-I) 1988

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV HR FR - RIY3Y21BK				
382005594	1 X 4	8.2	34.6	108
382005603	1 X 120	21.4	1,037.3	1347
382005612	1 X 1000	53.6	9,017.6	10,433
ÖLFLEX® POWER LV HR FR - RIY3Y2Y21BK				
382005474	2 X 1.5	11.4	26.6	178
382005475	3 X 1.5	11.9	40.0	203
382005476	4 X 1.5	12.8	53.3	240
382005482	10 X 1.5	17.8	133.2	408
382005492	20 X 1.5	22.5	266.4	706
382005535	3 X 2.5	13.2	65.2	262
382005536	4 X 2.5	14.2	87.0	313
382005542	10 X 2.5	20.6	217.5	574
382005552	20 X 2.5	25.7	435.0	982
382005628	3 X 4	14.7	103.8	344
382005654	4 X 4	15.9	138.4	415
382005630	3 X 10	18.0	261.5	597
382005656	4 X 10	19.9	348.7	751
382005643	3 x 25 + 1 x 16	25.3	797.0	1,244
382005644	3 x 35 + 1 x 16	27.3	1,052.0	1,545
382005637	3 X 120	37.9	3,112.0	3,950
382005648	3 x 120 + 1 x 70	41.1	3,704.2	4,701
382005663	4 X 120	43.8	4,149.3	5,224
382005651	3 x 240 + 1 x 120	57.1	7,352.0	9,106
382005666	4 X 240	60.8	8,419.6	10,352
ÖLFLEX® POWER LV HR FR UVAR - RIY3Y2UVAR1BK				
382005788	1 X 4	8.2	34.6	108
382005797	1 X 120	21.4	1,037.3	1347
ÖLFLEX® POWER LV HR FR UVAR - RIY3Y2Y2UVAR1BK				
382005668	2 X 1.5	11.4	26.6	178
382005669	3 X 1.5	11.9	40.0	203
382005670	4 X 1.5	12.8	53.3	240
382005729	3 X 2.5	13.2	65.2	262
382005730	4 X 2.5	14.2	87.0	313
382005736	10 X 2.5	20.6	217.5	574
382005746	20 X 2.5	25.7	435.0	982
382005822	3 X 4	14.7	103.8	344
382005848	4 X 4	15.9	138.4	415
382005837	3 x 25 + 1 x 16	25.3	797.0	1,244
382005831	3 X 120	37.9	3,112.0	3,950
382005842	3 x 120 + 1 x 70	41.1	3,704.2	4,701
382005857	4 X 120	43.8	4,149.3	5,224
382005834	3 X 240	51.7	6,314.7	7,812
382005860	4 X 240	60.8	8,419.6	10,352

• 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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 ACCESSORIES
 APPENDIX