



ÖLFLEX® POWER LV HR PVC FR-LSH

PVC Insulated Heavy Duty Application Heat Resistant (HR) FR-LSH PVC Cable As per IS 1554 (Part-I) 1988

Info

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



Benefits

- Wide range of product variants, up to 300 articles
- FR-LSH for increased safety
- 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
- Particularly where human and animal life as well as valuable property are exposed to risk of fire hazards

Norm references / Approvals

- IS 1554 (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 : PVC Type C as per IS 5831
- 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

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

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 ARM - RIY3WAY21BK				
382005982	1 X 4	8.2	34.6	113
382005988	1 X 50	15.2	410.1	606
ÖLFLEX® POWER LV HR FRLS - RIY3Y2YC21BK				
382005863	3 X 1.5	11.9	40.0	211
382005864	4 X 1.5	12.8	53.3	249
382005870	10 X 1.5	17.8	133.2	421
382005923	3 X 2.5	13.2	65.2	271
382005924	4 X 2.5	14.2	87.0	322
382006001	2 X 4	14.0	69.2	302
382006018	3 X 10	18.0	261.5	609
382006031	3 x 25 + 1 x 16	25.3	797.0	1,265
382006021	3 X 35	27.0	913.3	1,608
382006055	4 X 300	67.3	10,563.0	13,054
382006041	3 x 400 + 1 x 185	70.0	11,731.9	14,369
ÖLFLEX® POWER LV HR FRLS - RIY3YC2YC21BK				
382006251	3 X 1.5	11.9	40.0	215
382006252	4 X 1.5	12.8	53.3	253
382006311	3 X 2.5	13.2	65.2	276
382006312	4 X 2.5	14.2	87.0	328
382006385	3 X 4	14.7	103.8	360
382006413	4 X 10	19.9	348.7	778
382006400	3 x 25 + 1 x 16	25.3	797.0	1,270
382006394	3 X 120	37.9	3,112.0	3,993
382006422	4 X 185	54.0	6,406.0	8,061
382006410	3 x 400 + 1 x 185	70.0	11,731.9	14,387

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV HR FRLS UVAR - RIY3YC2UVAR1BK				
382006181	1 X 35	13.7	304.4	469
ÖLFLEX® POWER LV HR FRLS UVAR - RIY3Y2YC2UVAR1BK				
382006057	3 X 1.5	11.9	40.0	211
382006058	4 X 1.5	12.8	53.3	249
382006117	3 X 2.5	13.2	65.2	271
382006118	4 X 2.5	14.2	87.0	322
382006213	3 X 16	20.8	416.1	862
382006225	3 x 25 + 1 x 16	25.3	797.0	1,265
382006232	3 x 185 + 1 x 95	49.8	5,626.9	7,072
382006248	4 X 240	60.8	8,419.6	10,427
ÖLFLEX® POWER LV HR FRLS UVAR - RIY3YC2YC2UVAR1BK				
382006426	3 X 1.5	11.9	40.0	215
382006427	4 X 1.5	12.8	53.3	253
382006486	3 X 2.5	13.2	65.2	276
382006487	4 X 2.5	14.2	87.0	328
382006586	4 X 4	15.9	138.4	433
382006563	3 X 16	20.8	416.1	876
382006575	3 x 25 + 1 x 16	25.3	797.0	1,270
382006599	4 X 300	67.3	10,563.0	13,072

- 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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