



### ÖLFLEX® UNIPLUS FR-LSH

ISI Marked PVC FR-LSH insulated single core



**i Info**

- ISI marked with FRLSH properties

#### Benefits

- IS compliant ISI Marked
- Time-saving assembly
- Safe for human life and the environment thanks to the reduced smoke and halogen in case of fire
- Internal wiring of devices

#### Application range

- For wiring of lamps, devices, switch gear cabinets and distribution boxes
- For installation in tubes, as well as in closed installation ducts or protected installations
- For use in dry rooms

- In application area with a high density of people or valuable assets

#### Product features

- Flame retardant (FR)- IEC 60332.1/IS 10810-53
- Low smoke and low halogen (LSH) : as per data sheet

#### Norm references / Approvals

- IS 694:2010

#### Product Make-up

- Stranded Annealed Bare copper
- PVC FR-LSH Type D in Acc. To IS 5831:1984

#### Technical data

- Core identification code**  
Coloured
- Conductor stranding**  
Fine wire stranded Class 5 in acc. to IS 8130-1984/IEC 60228
- Minimum bending radius**  
6 X OD
- Nominal voltage**  
Up to and including 1100 V in acc. to IS 694:2010
- Temperature range**  
Up to +70°C for fixed installations

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® UNIPLUS FR-LSH</b>					
4610011U	1 X 0.5	2.6	black	4.8	9
4610001U	1 X 0.5	2.6	green-yellow	4.8	9
4610002U	1 X 0.75	2.8	green-yellow	7.2	12
4610003U	1 X 1.0	3.0	green-yellow	9.6	15
4620011U	1 X 1.5	3.4	black	14.4	21
4620031U	1 X 1.5	3.4	brown	14.4	21
4620021U	1 X 1.5	3.4	blue	14.4	21
4620141U	1 X 1.5	3.4	dark blue	14.4	21
4620121U	1 X 1.5	3.4	green	14.4	21
4620001U	1 X 1.5	3.4	green-yellow	14.4	21
4620061U	1 X 1.5	3.4	grey	14.4	21
4620091U	1 X 1.5	3.4	orange	14.4	21
4620081U	1 X 1.5	3.4	pink	14.4	21
4620041U	1 X 1.5	3.4	red	14.4	21
4620161U	1 X 1.5	3.4	ultra marine blue	14.4	21
4620071U	1 X 1.5	3.4	violet	14.4	21
4620051U	1 X 1.5	3.4	white	14.4	21
4620111U	1 X 1.5	3.4	yellow	14.4	21
4620012U	1 X 2.5	4.1	black	24.0	34
4620032U	1 X 2.5	4.1	brown	24.0	34
4620022U	1 X 2.5	4.1	blue	24.0	34
4620122U	1 X 2.5	4.1	green	24.0	34
4620002U	1 X 2.5	4.1	green-yellow	24.0	34
4620062U	1 X 2.5	4.1	grey	24.0	34
4620092U	1 X 2.5	4.1	orange	24.0	34
4620042U	1 X 2.5	4.1	red	24.0	34
4620112U	1 X 2.5	4.1	yellow	24.0	34
4620003U	1 X 4	4.8	green-yellow	38.4	50
4620004U	1 X 6	5.3	green-yellow	57.6	74
4620005U	1 X 10	7.0	green-yellow	96.0	122
4620006U	1 X 16	8.1	greyNE	153.6	185
4621001U	1 X 25	10.2	green-yellow	240.0	288
4621002U	1 X 35	11.7	green-yellow	336.0	391
4621003U	1 X 50	13.9	green-yellow	480.0	557
4621004U	1 X 70	16.0	green-yellow	672.0	770
4621005U	1 X 95	18.2	green-yellow	912.0	1034
4621006U	1 X 120	20.2	green-yellow	1152.0	1283
4621007U	1 X 150	22.5	green-yellow	1440.0	1611
4621008U	1 X 185	24.9	green-yellow	1776.0	1989
4621009U	1 X 240	28.4	green-yellow	2304.0	2562

- 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.