



**ÖLFLEX® UNIPLUS HFFR**  
Halogen free flame retardant single core

**Info**

- Halogen free



**Benefits**

- Time-saving assembly
- Highly flexible due to special insulation compound as per LAPP specifications
- Protection of human life and the environment, Thanks to the avoidance of the formation of acid and smoke in case of fire

**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)- IS 10810-53/IEC 60332.1

**Product Make-up**

- Stranded Annealed Bare copper
- Low Smoke Zero Halogen compound

**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
- 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 HFFR</b>					
4725011U	1 X 0.5	2.6	black	4.6	9
4725031U	1 X 0.5	2.6	brown	4.6	9
4725021U	1 X 0.5	2.6	blue	4.6	9
4725141U	1 X 0.5	2.6	dark blue	4.6	9
4725121U	1 X 0.5	2.6	green	4.6	9
4725001U	1 X 0.5	2.6	green-yellow	4.6	9
4725061U	1 X 0.5	2.6	grey	4.6	9
4725091U	1 X 0.5	2.6	orange	4.6	9
4725081U	1 X 0.5	2.6	pink	4.6	9
4725041U	1 X 0.5	2.6	red	4.6	9
4725161U	1 X 0.5	2.6	ultramarine blue	4.6	9
4725071U	1 X 0.5	2.6	violet	4.6	9
4725051U	1 X 0.5	2.6	white	4.6	9
4725111U	1 X 0.5	2.6	yellow	4.6	9
4725012U	1 X 0.75	2.8	black	7.2	12
4725032U	1 X 0.75	2.8	brown	7.2	12
4725022U	1 X 0.75	2.8	blue	7.2	12
4725142U	1 X 0.75	2.8	dark blue	7.2	12
4725122U	1 X 0.75	2.8	green	7.2	12
4725002U	1 X 0.75	2.8	green-yellow	7.2	12
4725062U	1 X 0.75	2.8	grey	7.2	12
4725092U	1 X 0.75	2.8	orange	7.2	12
4725082U	1 X 0.75	2.8	pink	7.2	12
4725042U	1 X 0.75	2.8	red	7.2	12
4725162U	1 X 0.75	2.8	ultramarine blue	7.2	12
4725072U	1 X 0.75	2.8	violet	7.2	12
4725052U	1 X 0.75	2.8	white	7.2	12
4725112U	1 X 0.75	2.8	yellow	7.2	12
4725013U	1 X 1.0	3.0	black	9.6	15
4725033U	1 X 1.0	3.0	brown	9.6	15
4725023U	1 X 1.0	3.0	blue	9.6	15
4725143U	1 X 1.0	3.0	dark blue	9.6	15
4725123U	1 X 1.0	3.0	green	9.6	15
4725003U	1 X 1.0	3.0	green-yellow	9.6	15
4725063U	1 X 1.0	3.0	grey	9.6	15
4725093U	1 X 1.0	3.0	orange	9.6	15
4725083U	1 X 1.0	3.0	pink	9.6	15
4725043U	1 X 1.0	3.0	red	9.6	15
4725163U	1 X 1.0	3.0	ultramarine blue	9.6	15
4725073U	1 X 1.0	3.0	violet	9.6	15
4725053U	1 X 1.0	3.0	white	9.6	15
4725113U	1 X 1.0	3.0	yellow	9.6	15
4726011U	1 X 1.5	3.4	black	14.4	21
4726031U	1 X 1.5	3.4	brown	14.4	21
4726021U	1 X 1.5	3.4	blue	14.4	21
4726141U	1 X 1.5	3.4	dark blue	14.4	21
4726121U	1 X 1.5	3.4	green	14.4	21
4726001U	1 X 1.5	3.4	green-yellow	14.4	21

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
4726061U	1 X 1.5	3.4	grey	14.4	21
4726091U	1 X 1.5	3.4	orange	14.4	21
4726081U	1 X 1.5	3.4	pink	14.4	21
4726041U	1 X 1.5	3.4	red	14.4	21
4726161U	1 X 1.5	3.4	ultramarine blue	14.4	21
4726071U	1 X 1.5	3.4	violet	14.4	21
4726051U	1 X 1.5	3.4	white	14.4	21
4726111U	1 X 1.5	3.4	yellow	14.4	21
4726012U	1 X 2.5	4.1	black	24.0	33
4726032U	1 X 2.5	4.1	brown	24.0	33
4726022U	1 X 2.5	4.1	blue	24.0	33
4726142U	1 X 2.5	4.1	dark blue	24.0	33
4726122U	1 X 2.5	4.1	green	24.0	33
4726002U	1 X 2.5	4.1	green-yellow	24.0	33
4726062U	1 X 2.5	4.1	grey	24.0	33
4726092U	1 X 2.5	4.1	orange	24.0	33
4726082U	1 X 2.5	4.1	pink	24.0	33
4726042U	1 X 2.5	4.1	red	24.0	33
4726162U	1 X 2.5	4.1	ultramarine blue	24.0	33
4726072U	1 X 2.5	4.1	violet	24.0	33
4726052U	1 X 2.5	4.1	white	24.0	33
4726112U	1 X 2.5	4.1	yellow	24.0	33
4726013U	1 X 4.0	4.8	black	38.4	50
4726033U	1 X 4.0	4.8	brown	38.4	50
4726023U	1 X 4.0	4.8	blue	38.4	50
4726143U	1 X 4.0	4.8	dark blue	38.4	50
4726123U	1 X 4.0	4.8	green	38.4	50
4726003U	1 X 4.0	4.8	green-yellow	38.4	50
4726063U	1 X 4.0	4.8	grey	38.4	50
4726093U	1 X 4.0	4.8	orange	38.4	50
4726083U	1 X 4.0	4.8	pink	38.4	50
4726043U	1 X 4.0	4.8	red	38.4	50
4726163U	1 X 4.0	4.8	ultramarine blue	38.4	50
4726073U	1 X 4.0	4.8	violet	38.4	50
4726053U	1 X 4.0	4.8	white	38.4	50
4726113U	1 X 4.0	4.8	yellow	38.4	50
4726014U	1 X 6.0	5.3	black	57.6	74
4726034U	1 X 6.0	5.3	brown	57.6	74
4726024U	1 X 6.0	5.3	blue	57.6	74
4726144U	1 X 6.0	5.3	dark blue	57.6	74
4726124U	1 X 6.0	5.3	green	57.6	74
4726004U	1 X 6.0	5.3	green-yellow	57.6	74
4726064U	1 X 6.0	5.3	grey	57.6	74
4726094U	1 X 6.0	5.3	orange	57.6	74
4726084U	1 X 6.0	5.3	pink	57.6	74
4726044U	1 X 6.0	5.3	red	57.6	74
4726164U	1 X 6.0	5.3	ultramarine blue	57.6	74
4726074U	1 X 6.0	5.3	violet	57.6	74
4726054U	1 X 6.0	5.3	white	57.6	74
4726114U	1 X 6.0	5.3	yellow	57.6	74
4726015U	1 X 10.0	7.0	black	96.0	122
4726035U	1 X 10.0	7.0	brown	96.0	122
4726025U	1 X 10.0	7.0	blue	96.0	122
4726145U	1 X 10.0	7.0	dark blue	96.0	122
4726125U	1 X 10.0	7.0	green	96.0	122
4726005U	1 X 10.0	7.0	green-yellow	96.0	122
4726065U	1 X 10.0	7.0	grey	96.0	122
4726095U	1 X 10.0	7.0	orange	96.0	122
4726085U	1 X 10.0	7.0	pink	96.0	122
4726045U	1 X 10.0	7.0	red	96.0	122
4726165U	1 X 10.0	7.0	ultramarine blue	96.0	122
4726075U	1 X 10.0	7.0	violet	96.0	122
4726055U	1 X 10.0	7.0	white	96.0	122
4726115U	1 X 10.0	7.0	yellow	96.0	122
4726016U	1 X 16.0	8.1	black	153.6	185
4726036U	1 X 16.0	8.1	brown	153.6	185
4726026U	1 X 16.0	8.1	blue	153.6	185
4726146U	1 X 16.0	8.1	dark blue	153.6	185
4726126U	1 X 16.0	8.1	green	153.6	185
4726006U	1 X 16.0	8.1	green-yellow	153.6	185
4726066U	1 X 16.0	8.1	grey	153.6	185
4726096U	1 X 16.0	8.1	orange	153.6	185
4726086U	1 X 16.0	8.1	pink	153.6	185
4726046U	1 X 16.0	8.1	red	153.6	185
4726166U	1 X 16.0	8.1	ultramarine blue	153.6	185
4726076U	1 X 16.0	8.1	violet	153.6	185
4726056U	1 X 16.0	8.1	white	153.6	185
4726116U	1 X 16.0	8.1	yellow	153.6	185
4726017U	1 X 25.0	10.2	black	240.0	288
4726037U	1 X 25.0	10.2	brown	240.0	288
4726027U	1 X 25.0	10.2	blue	240.0	288
4726147U	1 X 25.0	10.2	dark blue	240.0	288
4726127U	1 X 25.0	10.2	green	240.0	288
4726007U	1 X 25.0	10.2	green-yellow	240.0	288
4726067U	1 X 25.0	10.2	grey	240.0	288

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
4726097U	1 X 25.0	10.2	orange	240.0	288
4726087U	1 X 25.0	10.2	pink	240.0	288
4726047U	1 X 25.0	10.2	red	240.0	288
4726167U	1 X 25.0	10.2	ultramarine blue	240.0	288
4726077U	1 X 25.0	10.2	violet	240.0	288
4726057U	1 X 25.0	10.2	white	240.0	288
4726117U	1 X 25.0	10.2	yellow	240.0	288
4726018U	1 X 35.0	11.7	black	336.0	391
4726038U	1 X 35.0	11.7	brown	336.0	391
4726028U	1 X 35.0	11.7	blue	336.0	391
4726148U	1 X 35.0	11.7	dark blue	336.0	391
4726128U	1 X 35.0	11.7	green	336.0	391
4726008U	1 X 35.0	11.7	green-yellow	336.0	391
4726068U	1 X 35.0	11.7	grey	336.0	391
4726098U	1 X 35.0	11.7	orange	336.0	391
4726088U	1 X 35.0	11.7	pink	336.0	391
4726048U	1 X 35.0	11.7	red	336.0	391
4726168U	1 X 35.0	11.7	ultramarine blue	336.0	391
4726078U	1 X 35.0	11.7	violet	336.0	391
4726058U	1 X 35.0	11.7	white	336.0	391
4726118U	1 X 35.0	11.7	yellow	336.0	391
4726019U	1 X 50.0	13.9	black	480.0	557
4726039U	1 X 50.0	13.9	brown	480.0	557
4726029U	1 X 50.0	13.9	blue	480.0	557
4726149U	1 X 50.0	13.9	dark blue	480.0	557
4726129U	1 X 50.0	13.9	green	480.0	557
4726009U	1 X 50.0	13.9	green-yellow	480.0	557
4726069U	1 X 50.0	13.9	grey	480.0	557
4726099U	1 X 50.0	13.9	orange	480.0	557
4726089U	1 X 50.0	13.9	pink	480.0	557
4726049U	1 X 50.0	13.9	red	480.0	557
4726169U	1 X 50.0	13.9	ultramarine blue	480.0	557
4726079U	1 X 50.0	13.9	violet	480.0	557
4726059U	1 X 50.0	13.9	white	480.0	557
4726119U	1 X 50.0	13.9	yellow	480.0	557
4727011U	1 X 70.0	16.0	black	672.0	770
4727031U	1 X 70.0	16.0	brown	672.0	770
4727021U	1 X 70.0	16.0	blue	672.0	770
4727141U	1 X 70.0	16.0	dark blue	672.0	770
4727121U	1 X 70.0	16.0	green	672.0	770
4727001U	1 X 70.0	16.0	green-yellow	672.0	770
4727061U	1 X 70.0	16.0	grey	672.0	770
4727091U	1 X 70.0	16.0	orange	672.0	770
4727081U	1 X 70.0	16.0	pink	672.0	770
4727041U	1 X 70.0	16.0	red	672.0	770
4727161U	1 X 70.0	16.0	ultramarine blue	672.0	770
4727071U	1 X 70.0	16.0	violet	672.0	770
4727051U	1 X 70.0	16.0	white	672.0	770
4727111U	1 X 70.0	16.0	yellow	672.0	770
4727012U	1 X 95.0	18.2	black	912.0	1,033
4727032U	1 X 95.0	18.2	brown	912.0	1,033
4727022U	1 X 95.0	18.2	blue	912.0	1,033
4727142U	1 X 95.0	18.2	dark blue	912.0	1,033
4727122U	1 X 95.0	18.2	green	912.0	1,033
4727002U	1 X 95.0	18.2	green-yellow	912.0	1,033
4727062U	1 X 95.0	18.2	grey	912.0	1,033
4727092U	1 X 95.0	18.2	orange	912.0	1,033
4727082U	1 X 95.0	18.2	pink	912.0	1,033
4727042U	1 X 95.0	18.2	red	912.0	1,033
4727162U	1 X 95.0	18.2	ultramarine blue	912.0	1,033
4727072U	1 X 95.0	18.2	violet	912.0	1,033
4727052U	1 X 95.0	18.2	white	912.0	1,033
4727112U	1 X 95.0	18.2	yellow	912.0	1,033
4727013U	1 X 120.0	20.2	black	1,152.0	1,283
4727033U	1 X 120.0	20.2	brown	1,152.0	1,283
4727023U	1 X 120.0	20.2	blue	1,152.0	1,283
4727143U	1 X 120.0	20.2	dark blue	1,152.0	1,283
4727123U	1 X 120.0	20.2	green	1,152.0	1,283
4727003U	1 X 120.0	20.2	green-yellow	1,152.0	1,283
4727063U	1 X 120.0	20.2	grey	1,152.0	1,283
4727093U	1 X 120.0	20.2	orange	1,152.0	1,283
4727083U	1 X 120.0	20.2	pink	1,152.0	1,283
4727043U	1 X 120.0	20.2	red	1,152.0	1,283
4727163U	1 X 120.0	20.2	ultramarine blue	1,152.0	1,283
4727073U	1 X 120.0	20.2	violet	1,152.0	1,283
4727053U	1 X 120.0	20.2	white	1,152.0	1,283
4727113U	1 X 120.0	20.2	yellow	1,152.0	1,283
4727014U	1 X 150.0	22.5	black	1,440.0	1,611
4727034U	1 X 150.0	22.5	brown	1,440.0	1,611
4727024U	1 X 150.0	22.5	blue	1,440.0	1,611
4727144U	1 X 150.0	22.5	dark blue	1,440.0	1,611
4727124U	1 X 150.0	22.5	green	1,440.0	1,611
4727004U	1 X 150.0	22.5	green-yellow	1,440.0	1,611
4727064U	1 X 150.0	22.5	grey	1,440.0	1,611
4727094U	1 X 150.0	22.5	orange	1,440.0	1,611

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
4727084U	1 X 150.0	22.5	pink	1,440.0	1,611
4727044U	1 X 150.0	22.5	red	1,440.0	1,611
4727164U	1 X 150.0	22.5	ultramarine blue	1,440.0	1,611
4727074U	1 X 150.0	22.5	violet	1,440.0	1,611
4727054U	1 X 150.0	22.5	white	1,440.0	1,611
4727114U	1 X 150.0	22.5	yellow	1,440.0	1,611
4727015U	1 X 185.0	24.9	black	1,776.0	1,988
4727035U	1 X 185.0	24.9	brown	1,776.0	1,988
4727025U	1 X 185.0	24.9	blue	1,776.0	1,988
4727145U	1 X 185.0	24.9	dark blue	1,776.0	1,988
4727125U	1 X 185.0	24.9	green	1,776.0	1,988
4727005U	1 X 185.0	24.9	green-yellow	1,776.0	1,988
4727065U	1 X 185.0	24.9	grey	1,776.0	1,988
4727095U	1 X 185.0	24.9	orange	1,776.0	1,988
4727085U	1 X 185.0	24.9	pink	1,776.0	1,988
4727045U	1 X 185.0	24.9	red	1,776.0	1,988
4727165U	1 X 185.0	24.9	ultramarine blue	1,776.0	1,988
4727075U	1 X 185.0	24.9	violet	1,776.0	1,988
4727055U	1 X 185.0	24.9	white	1,776.0	1,988
4727115U	1 X 185.0	24.9	yellow	1,776.0	1,988
4727016U	1 X 240.0	28.4	black	2,304.0	2,561
4727036U	1 X 240.0	28.4	brown	2,304.0	2,561
4727026U	1 X 240.0	28.4	blue	2,304.0	2,561
4727146U	1 X 240.0	28.4	dark blue	2,304.0	2,561
4727126U	1 X 240.0	28.4	green	2,304.0	2,561
4727006U	1 X 240.0	28.4	green-yellow	2,304.0	2,561
4727066U	1 X 240.0	28.4	grey	2,304.0	2,561
4727096U	1 X 240.0	28.4	orange	2,304.0	2,561
4727086U	1 X 240.0	28.4	pink	2,304.0	2,561
4727046U	1 X 240.0	28.4	red	2,304.0	2,561
4727166U	1 X 240.0	28.4	ultramarine blue	2,304.0	2,561
4727076U	1 X 240.0	28.4	violet	2,304.0	2,561
4727056U	1 X 240.0	28.4	white	2,304.0	2,561
4727116U	1 X 240.0	28.4	yellow	2,304.0	2,561
4722011U	1 X 300.0	31.0	black	2,615.0	2,915
4722031U	1 X 300.0	31.0	brown	2,615.0	2,915
4722021U	1 X 300.0	31.0	blue	2,615.0	2,915
4722141U	1 X 300.0	31.0	dark blue	2,615.0	2,915
4722121U	1 X 300.0	31.0	green	2,615.0	2,915
4722001U	1 X 300.0	31.0	green-yellow	2,615.0	2,915
4722061U	1 X 300.0	31.0	grey	2,615.0	2,915
4722091U	1 X 300.0	31.0	orange	2,615.0	2,915
4722081U	1 X 300.0	31.0	pink	2,615.0	2,915
4722041U	1 X 300.0	31.0	red	2,615.0	2,915
4722071U	1 X 300.0	31.0	violet	2,615.0	2,915
4722051U	1 X 300.0	31.0	white	2,615.0	2,915
4722111U	1 X 300.0	31.0	yellow	2,615.0	2,915

Unless specified otherwise, the shown product values are nominal values at room temperature. You can receive further values, such as tolerances, upon request if they available and have been released for publication.

Photographs are not to scale and do not represent detailed images of the respective products.