



ÖLFLEX® UNIPLUS FR

ISI Marked PVC insulated single core

Info

- ISI marked



Benefits

- IS compliant ISI Marked
- Time-saving assembly

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

Product features

- Flame retardant (FR)- IEC 60332.1/IS 10810-53

Norm references / Approvals

- IS 694:2010

Product Make-up

- Stranded Annealed Bare copper
- PVC compound 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 ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® UNIPLUS FR					
4510011U	1 X 0.5	2.6	black	4.8	8.84
4510031U	1 X 0.5	2.6	brown	4.8	8.84
4510021U	1 X 0.5	2.6	blue	4.8	8.84
4510141U	1 X 0.5	2.6	dark blue	4.8	8.84
4510121U	1 X 0.5	2.6	green	4.8	8.84
4510001U	1 X 0.5	2.6	green-yellow	4.8	8.84
4510061U	1 X 0.5	2.6	grey	4.8	8.84
4510091U	1 X 0.5	2.6	orange	4.8	8.84
4510081U	1 X 0.5	2.6	pink	4.8	8.84
4510041U	1 X 0.5	2.6	red	4.8	8.84
4510161U	1 X 0.5	2.6	ultramarine blue	4.8	8.84
4510071U	1 X 0.5	2.6	violet	4.8	8.84
4510051U	1 X 0.5	2.6	white	4.8	8.84
4510111U	1 X 0.5	2.6	yellow	4.8	8.84
4510012U	1 X 0.75	2.8	black	7.2	11.98
4510032U	1 X 0.75	2.8	brown	7.2	11.98
4510022U	1 X 0.75	2.8	blue	7.2	11.98
4510142U	1 X 0.75	2.8	dark blue	7.2	11.98
4510122U	1 X 0.75	2.8	green	7.2	11.98
4510002U	1 X 0.75	2.8	green-yellow	7.2	11.98
4510062U	1 X 0.75	2.8	grey	7.2	11.98
4510092U	1 X 0.75	2.8	orange	7.2	11.98
4510082U	1 X 0.75	2.8	pink	7.2	11.98
4510042U	1 X 0.75	2.8	red	7.2	11.98
4510162U	1 X 0.75	2.8	ultramarine blue	7.2	11.98
4510072U	1 X 0.75	2.8	violet	7.2	11.98
4510052U	1 X 0.75	2.8	white	7.2	11.98
4510112U	1 X 0.75	2.8	yellow	7.2	11.98
4510013U	1 X 1.0	3.0	black	9.6	14.79
4510033U	1 X 1.0	3.0	brown	9.6	14.79
4510023U	1 X 1.0	3.0	blue	9.6	14.79
4510143U	1 X 1.0	3.0	blue	9.6	14.79
4510123U	1 X 1.0	3.0	green	9.6	14.79
4510003U	1 X 1.0	3.0	green-yellow	9.6	14.79
4510063U	1 X 1.0	3.0	grey	9.6	14.79
4510093U	1 X 1.0	3.0	orange	9.6	14.79
4510083U	1 X 1.0	3.0	pink	9.6	14.79
4510043U	1 X 1.0	3.0	red	9.6	14.79
4510163U	1 X 1.0	3.0	ultramarine blue	9.6	14.79
4510073U	1 X 1.0	3.0	violet	9.6	14.79
4510053U	1 X 1.0	3.0	white	9.6	14.79
4510113U	1 X 1.0	3.0	yellow	9.6	14.79
4520011U	1 X 1.5	3.4	black	14.4	20.41
4520031U	1 X 1.5	3.4	brown	14.4	20.41
4520021U	1 X 1.5	3.4	blue	14.4	20.41
4520141U	1 X 1.5	3.4	dark blue	14.4	20.41
4520121U	1 X 1.5	3.4	green	14.4	20.41

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
4520001U	1 X 1.5	3.4	green-yellow	14.4	20.41
4520061U	1 X 1.5	3.4	grey	14.4	20.41
4520091U	1 X 1.5	3.4	orange	14.4	20.41
4520081U	1 X 1.5	3.4	pink	14.4	20.41
4520041U	1 X 1.5	3.4	red	14.4	20.41
4520161U	1 X 1.5	3.4	ultramarine blue	14.4	20.41
4520071U	1 X 1.5	3.4	violet	14.4	20.41
4520051U	1 X 1.5	3.4	white	14.4	20.41
4520111U	1 X 1.5	3.4	yellow	14.4	20.41
4520012U	1 X 2.5	4.1	black	24.0	32.61
4520032U	1 X 2.5	4.1	brown	24.0	32.61
4520022U	1 X 2.5	4.1	blue	24.0	32.61
4520142U	1 X 2.5	4.1	dark blue	24.0	32.61
4520122U	1 X 2.5	4.1	green	24.0	32.61
4520002U	1 X 2.5	4.1	green-yellow	24.0	32.61
4520062U	1 X 2.5	4.1	grey	24.0	32.61
4520092U	1 X 2.5	4.1	orange	24.0	32.61
4520082U	1 X 2.5	4.1	pink	24.0	32.61
4520042U	1 X 2.5	4.1	red	24.0	32.61
4520162U	1 X 2.5	4.1	ultramarine blue	24.0	32.61
4520072U	1 X 2.5	4.1	violet	24.0	32.61
4520052U	1 X 2.5	4.1	white	24.0	32.61
4520112U	1 X 2.5	4.1	yellow	24.0	32.61
4520013U	1 X 4.0	4.8	black	38.4	48.92
4520033U	1 X 4.0	4.8	brown	38.4	48.92
4520023U	1 X 4.0	4.8	blue	38.4	48.92
4520143U	1 X 4.0	4.8	dark blue	38.4	48.92
4520123U	1 X 4.0	4.8	green	38.4	48.92
4520003U	1 X 4.0	4.8	green-yellow	38.4	48.92
4520063U	1 X 4.0	4.8	grey	38.4	48.92
4520093U	1 X 4.0	4.8	orange	38.4	48.92
4520083U	1 X 4.0	4.8	pink	38.4	48.92
4520043U	1 X 4.0	4.8	red	38.4	48.92
4520163U	1 X 4.0	4.8	ultramarine blue	38.4	48.92
4520073U	1 X 4.0	4.8	violet	38.4	48.92
4520053U	1 X 4.0	4.8	white	38.4	48.92
4520113U	1 X 4.0	4.8	yellow	38.4	48.92
4520014U	1 X 6.0	5.3	black	57.6	72.18
4520034U	1 X 6.0	5.3	brown	57.6	72.18
4520024U	1 X 6.0	5.3	blue	57.6	72.18
4520144U	1 X 6.0	5.3	dark blue	57.6	72.18
4520124U	1 X 6.0	5.3	green	57.6	72.18
4520004U	1 X 6.0	5.3	green-yellow	57.6	72.18
4520064U	1 X 6.0	5.3	grey	57.6	72.18
4520094U	1 X 6.0	5.3	orange	57.6	72.18
4520084U	1 X 6.0	5.3	pink	57.6	72.18
4520044U	1 X 6.0	5.3	red	57.6	72.18
4520164U	1 X 6.0	5.3	ultramarine blue	57.6	72.18
4520074U	1 X 6.0	5.3	violet	57.6	72.18
4520054U	1 X 6.0	5.3	white	57.6	72.18
4520114U	1 X 6.0	5.3	yellow	57.6	72.18
4520015U	1 X 10.0	7.0	black	96.0	119.69
4520035U	1 X 10.0	7.0	brown	96.0	119.69
4520025U	1 X 10.0	7.0	blue	96.0	119.69
4520145U	1 X 10.0	7.0	dark blue	96.0	119.69
4520125U	1 X 10.0	7.0	green	96.0	119.69
4520005U	1 X 10.0	7.0	green-yellow	96.0	119.69
4520065U	1 X 10.0	7.0	grey	96.0	119.69
4520095U	1 X 10.0	7.0	orange	96.0	119.69
4520085U	1 X 10.0	7.0	pink	96.0	119.69
4520045U	1 X 10.0	7.0	red	96.0	119.69
4520165U	1 X 10.0	7.0	ultramarine blue	96.0	119.69
4520075U	1 X 10.0	7.0	violet	96.0	119.69
4520055U	1 X 10.0	7.0	white	96.0	119.69
4520115U	1 X 10.0	7.0	yellow	96.0	119.69
4520016U	1 X 16.0	8.1	black	153.6	181.85
4520036U	1 X 16.0	8.1	brown	153.6	181.85
4520026U	1 X 16.0	8.1	blue	153.6	181.85
4520146U	1 X 16.0	8.1	dark blue	153.6	181.85
4520126U	1 X 16.0	8.1	green	153.6	181.85
4520006U	1 X 16.0	8.1	green-yellow	153.6	181.85
4520066U	1 X 16.0	8.1	grey	153.6	181.85
4520096U	1 X 16.0	8.1	orange	153.6	181.85
4520086U	1 X 16.0	8.1	pink	153.6	181.85
4520046U	1 X 16.0	8.1	red	153.6	181.85
4520166U	1 X 16.0	8.1	ultramarine blue	153.6	181.85
4520076U	1 X 16.0	8.1	violet	153.6	181.85
4520056U	1 X 16.0	8.1	white	153.6	181.85
4520116U	1 X 16.0	8.1	yellow	153.6	181.85
4521011U	1 X 25.0	10.2	black	240.0	283.19
4521031U	1 X 25.0	10.2	brown	240.0	283.19
4521021U	1 X 25.0	10.2	blue	240.0	283.19
4521141U	1 X 25.0	10.2	dark blue	240.0	283.19
4521121U	1 X 25.0	10.2	green	240.0	283.19
4521001U	1 X 25.0	10.2	green-yellow	240.0	283.19

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
4521061U	1 X 25.0	10.2	grey	240.0	283.19
4521091U	1 X 25.0	10.2	orange	240.0	283.19
4521081U	1 X 25.0	10.2	pink	240.0	283.19
4521041U	1 X 25.0	10.2	red	240.0	283.19
4521161U	1 X 25.0	10.2	ultramarine blue	240.0	283.19
4521071U	1 X 25.0	10.2	violet	240.0	283.19
4521051U	1 X 25.0	10.2	white	240.0	283.19
4521111U	1 X 25.0	10.2	yellow	240.0	283.19
4521012U	1 X 35.0	11.7	black	336.0	385.75
4521032U	1 X 35.0	11.7	brown	336.0	385.75
4521022U	1 X 35.0	11.7	blue	336.0	385.75
4521142U	1 X 35.0	11.7	dark blue	336.0	385.75
4521122U	1 X 35.0	11.7	green	336.0	385.75
4521002U	1 X 35.0	11.7	green-yellow	336.0	385.75
4521062U	1 X 35.0	11.7	grey	336.0	385.75
4521092U	1 X 35.0	11.7	orange	336.0	385.75
4521082U	1 X 35.0	11.7	pink	336.0	385.75
4521042U	1 X 35.0	11.7	red	336.0	385.75
4521162U	1 X 35.0	11.7	ultramarine blue	336.0	385.75
4521072U	1 X 35.0	11.7	violet	336.0	385.75
4521052U	1 X 35.0	11.7	white	336.0	385.75
4521112U	1 X 35.0	11.7	yellow	336.0	385.75
4521013U	1 X 50.0	13.9	black	480.0	549.52
4521033U	1 X 50.0	13.9	brown	480.0	549.52
4521023U	1 X 50.0	13.9	blue	480.0	549.52
4521143U	1 X 50.0	13.9	dark blue	480.0	549.52
4521123U	1 X 50.0	13.9	green	480.0	549.52
4521003U	1 X 50.0	13.9	green-yellow	480.0	549.52
4521063U	1 X 50.0	13.9	grey	480.0	549.52
4521093U	1 X 50.0	13.9	orange	480.0	549.52
4521083U	1 X 50.0	13.9	pink	480.0	549.52
4521043U	1 X 50.0	13.9	red	480.0	549.52
4521163U	1 X 50.0	13.9	ultramarine blue	480.0	549.52
4521073U	1 X 50.0	13.9	violet	480.0	549.52
4521053U	1 X 50.0	13.9	white	480.0	549.52
4521113U	1 X 50.0	13.9	yellow	480.0	549.52
4521014U	1 X 70.0	16.0	black	672.0	760.66
4521034U	1 X 70.0	16.0	brown	672.0	760.66
4521024U	1 X 70.0	16.0	blue	672.0	760.66
4521144U	1 X 70.0	16.0	dark blue	672.0	760.66
4521124U	1 X 70.0	16.0	green	672.0	760.66
4521004U	1 X 70.0	16.0	green-yellow	672.0	760.66
4521064U	1 X 70.0	16.0	grey	672.0	760.66
4521094U	1 X 70.0	16.0	orange	672.0	760.66
4521084U	1 X 70.0	16.0	pink	672.0	760.66
4521044U	1 X 70.0	16.0	red	672.0	760.66
4521164U	1 X 70.0	16.0	ultramarine blue	672.0	760.66
4521074U	1 X 70.0	16.0	violet	672.0	760.66
4521054U	1 X 70.0	16.0	white	672.0	760.66
4521114U	1 X 70.0	16.0	yellow	672.0	760.66
4521015U	1 X 95.0	18.2	black	912.0	1,022.07
4521035U	1 X 95.0	18.2	brown	912.0	1,022.07
4521025U	1 X 95.0	18.2	blue	912.0	1,022.07
4521145U	1 X 95.0	18.2	dark blue	912.0	1,022.07
4521125U	1 X 95.0	18.2	green	912.0	1,022.07
4521005U	1 X 95.0	18.2	green-yellow	912.0	1,022.07
4521065U	1 X 95.0	18.2	grey	912.0	1,022.07
4521095U	1 X 95.0	18.2	orange	912.0	1,022.07
4521085U	1 X 95.0	18.2	pink	912.0	1,022.07
4521045U	1 X 95.0	18.2	red	912.0	1,022.07
4521165U	1 X 95.0	18.2	ultramarine blue	912.0	1,022.07
4521075U	1 X 95.0	18.2	violet	912.0	1,022.07
4521055U	1 X 95.0	18.2	white	912.0	1,022.07
4521115U	1 X 95.0	18.2	yellow	912.0	1,022.07
4521016U	1 X 120.0	20.2	black	1,152.0	1,270.82
4521036U	1 X 120.0	20.2	brown	1,152.0	1,270.82
4521026U	1 X 120.0	20.2	blue	1,152.0	1,270.82
4521146U	1 X 120.0	20.2	dark blue	1,152.0	1,270.82
4521126U	1 X 120.0	20.2	green	1,152.0	1,270.82
4521006U	1 X 120.0	20.2	green-yellow	1,152.0	1,270.82
4521066U	1 X 120.0	20.2	grey	1,152.0	1,270.82
4521096U	1 X 120.0	20.2	orange	1,152.0	1,270.82
4521086U	1 X 120.0	20.2	pink	1,152.0	1,270.82
4521046U	1 X 120.0	20.2	red	1,152.0	1,270.82
4521166U	1 X 120.0	20.2	ultramarine blue	1,152.0	1,270.82
4521076U	1 X 120.0	20.2	violet	1,152.0	1,270.82
4521056U	1 X 120.0	20.2	white	1,152.0	1,270.82
4521116U	1 X 120.0	20.2	yellow	1,152.0	1,270.82
4521017U	1 X 150.0	22.5	black	1,440.0	1,594.99
4521037U	1 X 150.0	22.5	brown	1,440.0	1,594.99
4521027U	1 X 150.0	22.5	blue	1,440.0	1,594.99
4521147U	1 X 150.0	22.5	dark blue	1,440.0	1,594.99
4521127U	1 X 150.0	22.5	green	1,440.0	1,594.99
4521007U	1 X 150.0	22.5	green-yellow	1,440.0	1,594.99
4521067U	1 X 150.0	22.5	grey	1,440.0	1,594.99

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4521097U	1 X 150.0	22.5	orange	1,440.0	1,594.99
4521087U	1 X 150.0	22.5	pink	1,440.0	1,594.99
4521047U	1 X 150.0	22.5	red	1,440.0	1,594.99
4521167U	1 X 150.0	22.5	ultramarine blue	1,440.0	1,594.99
4521077U	1 X 150.0	22.5	violet	1,440.0	1,594.99
4521057U	1 X 150.0	22.5	white	1,440.0	1,594.99
4521117U	1 X 150.0	22.5	yellow	1,440.0	1,594.99
4521018U	1 X 185.0	24.9	black	1,776.0	1,968.26
4521038U	1 X 185.0	24.9	brown	1,776.0	1,968.26
4521028U	1 X 185.0	24.9	blue	1,776.0	1,968.26
4521148U	1 X 185.0	24.9	dark blue	1,776.0	1,968.26
4521128U	1 X 185.0	24.9	green	1,776.0	1,968.26
4521008U	1 X 185.0	24.9	green-yellow	1,776.0	1,968.26
4521068U	1 X 185.0	24.9	grey	1,776.0	1,968.26
4521098U	1 X 185.0	24.9	orange	1,776.0	1,968.26
4521088U	1 X 185.0	24.9	pink	1,776.0	1,968.26
4521048U	1 X 185.0	24.9	red	1,776.0	1,968.26
4521168U	1 X 185.0	24.9	ultramarine blue	1,776.0	1,968.26
4521078U	1 X 185.0	24.9	violet	1,776.0	1,968.26
4521058U	1 X 185.0	24.9	white	1,776.0	1,968.26
4521118U	1 X 185.0	24.9	yellow	1,776.0	1,968.26
4521019U	1 X 240.0	28.4	black	2,304.0	2,537.54
4521039U	1 X 240.0	28.4	brown	2,304.0	2,537.54
4521029U	1 X 240.0	28.4	blue	2,304.0	2,537.54
4521149U	1 X 240.0	28.4	dark blue	2,304.0	2,537.54
4521129U	1 X 240.0	28.4	green	2,304.0	2,537.54
4521009U	1 X 240.0	28.4	green-yellow	2,304.0	2,537.54
4521069U	1 X 240.0	28.4	grey	2,304.0	2,537.54
4521099U	1 X 240.0	28.4	orange	2,304.0	2,537.54
4521089U	1 X 240.0	28.4	pink	2,304.0	2,537.54
4521049U	1 X 240.0	28.4	red	2,304.0	2,537.54
4521169U	1 X 240.0	28.4	ultramarine blue	2,304.0	2,537.54
4521079U	1 X 240.0	28.4	violet	2,304.0	2,537.54
4521059U	1 X 240.0	28.4	white	2,304.0	2,537.54
4521119U	1 X 240.0	28.4	yellow	2,304.0	2,537.54
4522011U	1 X 300.0	31.0	black	2,615.0	2,887.26
4522031U	1 X 300.0	31.0	brown	2,615.0	2,887.26
4522021U	1 X 300.0	31.0	blue	2,615.0	2,887.26
4522141U	1 X 300.0	31.0	dark blue	2,615.0	2,887.26
4522121U	1 X 300.0	31.0	green	2,615.0	2,887.26
4522001U	1 X 300.0	31.0	green-yellow	2,615.0	2,887.26
4522061U	1 X 300.0	31.0	grey	2,615.0	2,887.26
4522091U	1 X 300.0	31.0	orange	2,615.0	2,887.26
4522081U	1 X 300.0	31.0	pink	2,615.0	2,887.26
4522041U	1 X 300.0	31.0	red	2,615.0	2,887.26
4522071U	1 X 300.0	31.0	violet	2,615.0	2,887.26
4522051U	1 X 300.0	31.0	white	2,615.0	2,887.26
4522111U	1 X 300.0	31.0	yellow	2,615.0	2,887.26

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 are available and have been released for publication.

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