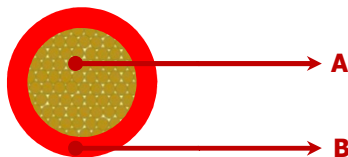


ÖLFLEX® UNIPLUS HFFR

DS 4725011U

Valid from: 2020-02-01



A – Annealed Bare Copper Conductor

B – Flame Retardant PVC Insulation

Application

OLFLEX® UNIPLUS HFFR single cores with flame retardant low smoke insulation having excellent temperature index, flame properties and zero halogen content. Used for internal wiring for installation in panels. These wires are suitable for fixed installation and may not be used for direct laying on racks, troughs and tubes. These wires render a great importance in applications where safety of human and animal life as well as valuable property is of utmost importance, when exposed to high risk of fire hazards.

Design

Conductor : Annealed Bare copper, Class V in acc. to IS 8130/IEC 60228
Insulation : Zero halogen compound as per LAPP Standard
Current Rating : in acc. to IS 3961

Electrical properties

Nominal voltage 1100 V

Test voltage 3000 V AC

Mechanical properties

Min. bending radius occasional flexing: 8 x cable OD

Fixed installation: 6 x cable OD

Temperature range occasional flexing: -15 °C up to +70 °C max. Conductor temperature

Flame retardant properties and other tests

Oxygen Index: > 29 in accordance to ASTM-D 2863

Temperature Index: minimum 250°C in accordance to ASTM-D 2863

Smoke Density: Maximum smoke density of 40% as per ASTM-D 2843

Acid Gas Generation: HCL content maximum 0.5% as per IEC 754-1

Flammability in acc. with IS 10810-53 / IEC 60332-1

Tests acc. to IS 10810

Special properties

This product conforms to
RoHS directive (Restriction of the use of certain hazardous substances)

Article No.	Conductor Cross Section	Nominal Outer Diameter (mm)	Copper Weight (Kg/Km) Approx.	Cable Weight (Kg/Km) Approx.	Current rating (A)	Standard Pack Length (m)
4725..1U	1 x 0.5 mm ²	2.2	4.6	10.7	12	100, 300, 500
4725..2U	1 x 0.75 mm ²	2.4	6.7	13.5	14	100, 300, 500
4725..3U	1 x 1.0 mm ²	2.6	8.7	16.0	17	100, 300, 500
4726..1U	1 x 1.5 mm ²	2.9	12.6	21.0	22	100, 300, 500
4726..2U	1 x 2.5 mm ²	3.6	21.1	32.8	29	100, 300, 500
4726..3U	1 x 4 mm ²	4.3	34.9	51.6	36	100, 300, 500
4726..4U	1 x 6 mm ²	4.8	52.6	72.5	48	100, 300, 500
4726..5U	1 x 10 mm ²	6.2	87.6	119.4	70	100, 300, 500
4726..6U	1 x 16 mm ²	7.2	137.1	176.0	98	100, 300, 500
4726..7U	1 x 25 mm ²	9.1	225.8	285.4	129	100, 300, 500
4726..8U	1 x 35 mm ²	10.3	298.4	369.1	158	100, 300, 500
4726..9U	1 x 50 mm ²	12.3	424.0	522.9	198	100, 300, 500
4727..1U	1 x 70 mm ²	15.3	656.0	790.0	248	100, 300, 500
4727..2U	1 x 95 mm ²	16.7	849.0	1012.8	292	100, 300, 500
4727..3U	1 x 120 mm ²	17.9	1105.8	1286.4	344	100, 300, 500
4727..4U	1 x 150 mm ²	21.1	1369.0	1612.8	391	100, 300, 500
4727..5U	1 x 185 mm ²	23.5	1654.0	1955.8	448	100, 300, 500
4727..6U	1 x 240 mm ²	25.9	2225.0	2590.9	528	100, 300, 500

This product is offered in following colours

00 – Yellow/Green	01 – Black	02 – Blue	03 – Brown	04 – Red	05 – White
06 – Grey	07 – Violet	08 – Pink	09 – Orange	11 – Yellow	12 – Green
14 – Dark Blue					