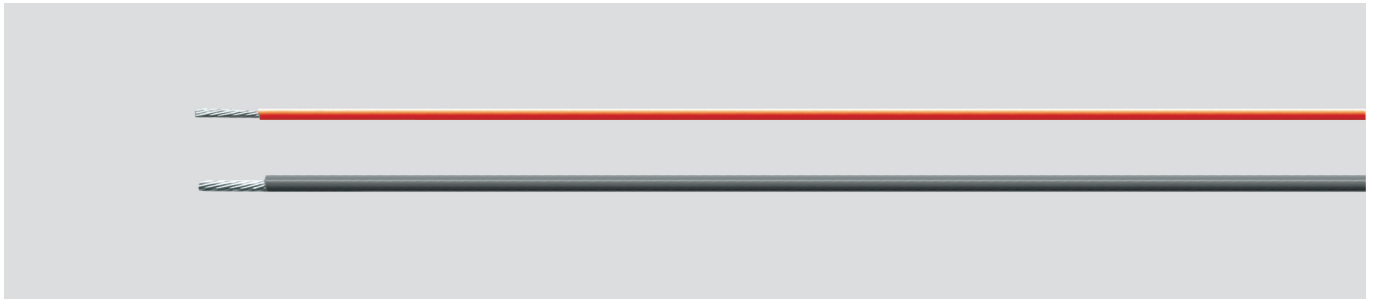


HELUFLO[®]-FEP-6Y

Single core, 600 V



Technical data

- FEP single core (Fluorethylenpropylene)
- **Temperature range** fixed installation
tinned copper -100°C to +180°C
silver pl. copper -100°C to +200°C
- **Nominal voltage**
600 V
- **Test voltage** (Spark test)
2500 V
- **Minimum bending radius**
flexing 10x Outer-Ø
fixed installation 4x Outer-Ø

Cable structure

- Copper wire tinned, silver plated
- Make-up fine wire, from 0,5 mm² acc. to DIN VDE 0295 cl.5 / IEC 60228 cl.5
- Core insulation of FEP-HELUFLO[®]

Note

- Please add the appropriate item number when ordering using the following indicator:
1 = black
2 = red
3 = blue
4 = brown
5 = white
6 = transparent
7 = 2-colour
8 = other colours
- The conductor is metrically constructed (mm²). The AWG designation is approximate and purely informative.

Properties

- Not flammable
- Resistant to micro-cultures
- Do not permit any fungus-formation
- Absolute ozone resistant
- Absolute weather resistant
- Water absorption <0,01%
- Minimal water vapour permeability (approx. 0,18 mg/cm² in 24 hours)
- The materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

Tests

- Flame retardant acc. to
DIN VDE 0482-332-1-2 /
DIN EN 60332-1-2 / IEC 60332-1-2

Application

HELUFLO[®] single cores are predominantly used for installing in control cabinets subjected to high thermal effects as well as in brickworks, heaters, kitchen fitments and measuring appliances as well as in the chemical industry. These single cores are non-flammable and resistant to acids, alkalis, solvents, oil and petrol.

CE = Product conforms with Low-Voltage Directive 2014/35/EU.

Copper wire, tinned

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
2551x	1 x 0,14	1,0	1,4	2,6	26
2552x	1 x 0,25	1,1	2,4	4,1	24
2553x	1 x 0,5	1,4	4,8	8,0	20
2554x	1 x 0,75	1,5	7,2	9,7	18
2555x	1 x 1	1,8	9,6	12,7	17
2556x	1 x 1,5	2,2	14,4	17,9	16
2557x	1 x 2,5	2,6	24,0	26,4	14
2558x	1 x 4	3,2	38,0	43,1	12
2559x	1 x 6	3,9	58,0	65,9	10
2560x	1 x 10	5,1	96,0	115,0	8
2561x	1 x 16	6,7	154,0	175,0	6

Copper wire, silver plated

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Cop. weight kg / km	Silv. weight kg / km	Weight app. kg / km	AWG-No.
2026x	1 x 0,14	1,0	1,35	0,09	2,6	26
2027x	1 x 0,25	1,1	2,4	0,13	4,1	24
2028x	1 x 0,5	1,4	4,8	0,17	8,0	20
2029x	1 x 0,75	1,5	7,2	0,20	9,7	18
2030x	1 x 1	1,8	9,6	0,26	12,7	17
2031x	1 x 1,5	2,2	14,4	0,35	17,9	16
2032x	1 x 2,5	2,6	24,0	0,70	26,4	14
2033x	1 x 4	3,2	38,0	1,20	43,1	12
2034x	1 x 6	3,9	58,0	1,70	65,9	10
2035x	1 x 10	5,1	96,0	2,80	115,0	8
2036x	1 x 16	6,7	154,0	4,80	175,0	6

Dimensions and specifications may be changed without prior notice. (RK01)