



Festoonflex PUR-HF

Application: Power and control cable for very high mechanical requirements, frequently bendings, especially for use in trolley systems drag chains on moving parts of machines, convey- or facilities. Suitable for dry, humid and wet rooms and for outdoor use.

Special features: - for low reeling operation requirements
- free from lacquer damaging substances and silicone (during production)
- halogen-free
- also available on request for permanent use in water (no drinking water) up to 50m diving depth

Remarks: - conform to RoHS
- conform to 2006/95/EC-Guideline CE
- for travelling speed on cable trolleys up to 240m/min
- permanent tensile loading without supporting element
max. 25N/mm² dynamic
- we are pleased to produce special versions, other dimensions, core and jacket colours on request

Structure & Specifications

Conductor material: bare copper strand
Conductor class: acc. to DIN VDE 0295 class 5 resp. IEC 60228 cl.5
Core insulation: based on polyester
Core identification: acc. to DIN 0293-308 up to 5 wires coloured, from 6 wires white with black numerals with or without GNYE
Stranding: cores stranded in layers
Supporting element: multicore cables with central textile element
Outer sheath: PUR
Sheath colour: black
Printing: yes
Rated voltage: U₀/U: 0,6/1 kV
Testing voltage: 2,5 kV
Current carrying capacity: acc. to DIN VDE, see Technical Guideline
Min. bending radius: fixed 6xd
moved 6xd
Operat. temperature: fixed -50°C to +90°C
moved -40°C to +90°C
Temperature at conductor: +90°C
Burning behavior: similar to IEC 60332-2-1
Resistant to oil: acc. to EN 60811-2-1
Standard: similar to DIN VDE 0250

Festoonflex	dimension n x mm ²	outer-Ømm (min-max)	Cu-index kg/km	weight kg/km	Item no.
PUR-HF -0	1 x 16	8,8 - 9,6	154,0	188,0	2613001016
PUR-HF -0	1 x 25	10,1 - 10,9	240,0	269,0	2613001025
PUR-HF -0	1 x 35	11,9 - 12,7	336,0	375,0	2613001035

Festoonflex	dimension n x mm²	outer-Ømm (min-max)	Cu-index kg/km	weight kg/km	Item no.
PUR-HF -0	1 x 50	14,7 - 15,5	480,0	535,0	2613001050
PUR-HF -0	1 x 70	16,4 - 17,2	672,0	733,0	2613001070
PUR-HF -0	1 x 95	18,1 - 18,9	912,0	945,0	2613001095
PUR-HF -0	1 x 120	20,0 - 21,0	1152,0	1201,0	2613001120
PUR-HF -0	1 x 150	22,0 - 23,0	1440,0	1485,0	2613001150
PUR-HF -0	1 x 185	24,4 - 25,6	1776,0	1825,0	2613001185
PUR-HF -0	1 x 240	27,9 - 29,1	2304,0	2302,0	2613001240
PUR-HF - J	3 x 1,5	7,2 - 7,8	43,0	91,0	2613003015
PUR-HF - J	4 x 1,5	8,3 - 8,9	58,0	112,0	2613004015
PUR-HF - J	7 x 1,5	9,0 - 11,0	101,0	170,0	2613007015
PUR-HF - J	12 x 1,5	14,5 - 15,3	173,0	314,0	2613012015
PUR-HF - J	18 x 1,5	14,7 - 15,5	259,0	375,0	2613018015
PUR-HF - J	24 x 1,5	16,8 - 17,6	346,0	495,0	2613024015
PUR-HF - J	30 x 1,5	20,0 - 22,0	432,0	680,0	2613030015
PUR-HF - J	3 x 2,5	8,7 - 9,3	72,0	124,0	2613003025
PUR-HF - J	4 x 2,5	9,4 - 10,0	96,0	153,0	2613004025
PUR-HF - J	5 x 2,5	10,0 - 10,8	120,0	179,0	2613005025
PUR-HF - J	7 x 2,5	11,7 - 12,5	168,0	245,0	2613007025
PUR-HF - J	12 x 2,5	16,7 - 17,5	288,0	461,0	2613012025
PUR-HF - J	18 x 2,5	16,9 - 17,7	432,0	573,0	2613018025
PUR-HF - J	24 x 2,5	19,4 - 20,2	576,0	761,0	2613024025
PUR-HF - J	30 x 2,5	25,5 - 27,5	720,0	1080,0	2613030025
PUR-HF - J	4 x 4	10,5 - 11,3	154,0	223,0	2613004004
PUR-HF - J	5 x 4	11,8 - 12,6	192,0	288,0	2613005004
PUR-HF - J	4 x 6	12,3 - 13,1	230,0	313,0	2613004006

Festoonflex	dimension n x mm²	outer-Ømm (min-max)	Cu-index kg/km	weight kg/km	Item no.
PUR-HF - J	5 x 6	13,0 - 15,0	288,0	402,0	2613005006
PUR-HF - J	4 x 10	15,2 - 16,0	384,0	515,0	2613004010
PUR-HF - J	5 x 10	15,7 - 16,8	480,0	629,0	2613005010
PUR-HF - J	4 x 16	17,9 - 18,7	614,0	749,0	2613004016
PUR-HF - J	5 x 16	19,5 - 20,5	768,0	920,0	2613005016
PUR-HF - J	4 x 25	21,3 - 22,3	960,0	1153,0	2613004025
PUR-HF - J	5 x 25	23,4 - 24,4	1200,0	1373,0	2613005025
PUR-HF - J	4 x 35	26,0 - 27,2	1344,0	1653,0	2613004035
PUR-HF - J	4 x 50	30,8 - 32,4	1920,0	2404,0	2613004050

- Further formats available on request
- All data and products subject to change