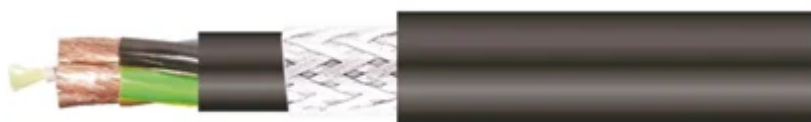




## INNOVCABLE FESTOONCABLE-C-PUR-HF



Conductor material: bare copper wires

- Conductor class: According to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Vein insulation: INNOVLON special compound
- Seam colours: black or white sequentially numbered veins with or without green earth (G) according to VDE 0293.
- Conductors twisted in layers.
- Central textile element.
- Inner jacket: PUR special for mobile use.
- Polyester tape + tinned copper braid, 85% coverage.
- Outer jacket: PUR special for mobile applications; resistant to hydrolysis, oxidation, heat, abrasion, oils, grease, lubricants, coolants, gasoline, paraffin, UV resistance, ozone and weathering, flexible at low temperature.
- Black outer cover.
- Rated voltage: 0,6/1KV.
- Test voltage: 2500 V
- Bending radius: Fixed use:  $12 \times d$  / Mobile use:  $7.5 \times d$
- Conductor resistance: According to VDE 0295 class 5 and IEC 60228 class 5

### Identification



INNOVCABLE-FESTOONCABLE-C-PUR-HF n (G) X mm<sup>2</sup> 0,6/1KV OF:XXXX/ANO.

## Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

DIN EN 60332-2-1 (optional) see notes.

DIN VDE 0250

VDE 0293

## Applications

Halogen-free power and control cables with very high mechanical requirements, which are often stranded. It is protected against electromagnetic interference (EMI). For use in lifting systems, trolleys, festoons, moving machine parts, conveyor installations. Excellent life span and resistance to mechanical stress, used in low winding systems. Resistant to hydrolysis, oxidation, heat, low temperature flex, abrasion, oils, greases, lubricants, coolants, gasoline, paraffin, UV resistance, ozone and weathering. Used for speeds up to 240 m/min. Permanent tensile load without load-bearing element max. 25 N/mm<sup>2</sup>. Can be applied for use in water up to a depth of 50 m. - Also available with shielded pairs. (see table).

## Maximum Conductor Temperature

Min/max: -40° C / +90° C

## Notes

- We can produce upon request several other cable options and configurations. Innovcable reserves the right to modify this catalogue without prior notice.



- On request we can produce PUR AC (flame retardant) cables with fire performance: according to IEC 60332-2-1

### DADOS DIMENSIONAIS

Dimensional x m m <sup>2</sup>	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
<b>FESTFLEX C-PUR-HF-O</b>			
1X25	10,5-12,5	310,0	325,0
1X35	12,1-14,1	406,0	435,0
1X50	14,5-16,5	550,0	620,0
1X70	17,0-19,0	747,0	824,0
1X95	18,5-20,5	998,0	1.060,0
1X120	20,0-23,0	1.306,0	1.331,0
1X150	21,5-24,5	1.613,0	1.860,0
1X185	25,0-28,0	1.903,0	2.026,0
1X240	28,5-31,5	2.474,0	2.620,0
2X1,5	9,4-11,4	74,0	140,0
4X(2X1)	15,5-17,5	140,0	310,0
3X(2X1,5)	16,0-18,0	153,0	360,0
4X(2X1,5)	17,5-19,5	237,0	446,0
<b>FESTFLEX C-PUR-HF-J</b>			
4X1,5	10,5-12,1	118,0	180,0
5X1,5	11,3-12,9	132,0	225,0
7X1,5	10,4-12,4	192,0	240,0
12X1,5	14,5-16,5	250,0	374,0
18X1,5	16,0-18,0	341,0	419,0





Dimensional nxmm <sup>2</sup>	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
4X2,5	11,9-13,6	157,0	257,0
5X2,5	12,7-14,3	190,0	292,0
12X2,5	17,0-19,0	370,0	540,0
18X2,5	17,2-19,2	621,0	690,0
4X4	13,0-15,0	221,0	340,0
5X4	14,0-16,0	277,0	345,0
4X6	14,2-16,2	300,0	430,0
4X10	17,5-19,5	454,0	640,0
4X16	21,0-23,0	694,0	1.070,0
4X25	24,0-27,0	1.050,0	1.520,0
4X35	28,5-31,5	1.444,0	2.037,0
4X50	33,0-37,0	2.124,0	2.780,0
<b>FEXTFLEX C-PUR-HF-O</b>			
4X(2X1)C	17,0-19,0	206,0	320,0
6X(2X1)C	18,7-20,8	265,0	462,0
2X(2X1,5)C	15,5-17,8	193,0	310,0
3X(2X1,5)C	17,5-19,5	221,0	330,0
2X(2X2,5)C	17,5-19,5	215,0	380,0
3X(2X2,5)C	17,7-19,8	245,0	410,0

