



## INNOVCABLE EXTREME FLEX LIFY



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- Conductor material: bare copper wires
- Conductor class: 0,10mm wires
- Insulation: special PVC for mobile use, flameproof.
- Colours: Black, blue, red, green or other under request
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- Nominal Voltage: 1,0mm<sup>2</sup> 500V, over 1,5mm<sup>2</sup> 750V. Or 1000V. on customer's request, using LIFY1000 nomenclature.
- Test voltage: 3000 V
- Conductor resistance: according to DIN VDE 0295
- Insulation resistance: min. 20 MΩX Km.
- min. bending radius fixed use: 6 x d
- min. bending radius if mobile: 10 x d

### Identification

INNOVCABLE EXTREME FLEX LIFY or LIFY1000XX mm<sup>2</sup> 500V or 750V or 0.6/1kv OF:  
XXXX/YEAR

### Applicable Specifications

DIN VDE 0295 - WIRES 0,10mm

IEC 60228 - WIRES 0,10mm

VDE 0482-332-2-1



DIN EN 60332-2-1

## Applications

Extremely flexible single cable, for use in mobile applications or those requiring constant movement. Manufactured with super-thin wires, flexible even at low temperatures. Made free of harmful substances and silicone. Basic version up to 1,0mm<sup>2</sup> 500V, over 1,5mm<sup>2</sup> 750V. Or 1000V upon customer's request, using the LIFY1000 nomenclature.

## Maximum Conductor Temperature

Fixed: min-30° C / +70° C

Mobile: min-15° C / +70° C

## Notes

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

### DADOS DIMENSIONAIS

Dimensional	mm <sup>2</sup>	Formação do condutor (numero de fios)	Diametro externo	mm	Peso cobre Kg/Km	Peso condutor Kg/Km
EXTREMEFLEX-LIFY						
	0,5	64 x 0,10	2,0		5,0	8,0
	0,75	96 x 0,10	2,2		8,0	12,0
	1	128 x 0,10	2,5		10,0	18,0
	1,5	192 x 0,10	2,9		15,0	22,0
	2,5	320 x 0,10	3,8		25,0	37,0
	4	512 x 0,10	5,0		40,0	50,0
	6	768 x 0,10	6,0		60,0	71,0
	10	1280 x 0,10	7,5		96,0	130,0
	16	2048 x 0,10	9,0		154,0	187,0
	25	3234 x 0,10	10,5		240,0	294,0
	35	4508 x 0,10	12,5		336,0	380,0
	50	6468 x 0,10	13,8		480,0	521,0
	70	8967 x 0,10	15,5		672,0	740,0