



# Becatech

Interconnective Power



**Flexible data cable (LIYY)**

## Cable Structure :

Conductor: flexible bare copper (class 5).  
Insulation: PVC.  
Outer sheath: PVC.

## Technical Specification :

Rated temperature flexible installation:  $-5^{\circ}\text{C}$  to  $80^{\circ}\text{C}$ .  
Rated temperature fixed installation:  $-40^{\circ}\text{C}$  to  $80^{\circ}\text{C}$ .  
Flame retardant and self-extinguishing according to IEC 60332-1.  
Rated bending radius:

- Fixed installation: up to 12mm:  $5 \times \varnothing$ .
- Fixed installation: up to 20mm:  $7.5 \times \varnothing$ .
- Fixed installation:  $> 20\text{mm}$ :  $10 \times \varnothing$ .
- Flexible installation: up to 12mm:  $10 \times \varnothing$ .
- Flexible installation: up to 20mm:  $15 \times \varnothing$ .
- Flexible installation:  $> 20\text{mm}$ :  $20 \times \varnothing$ .

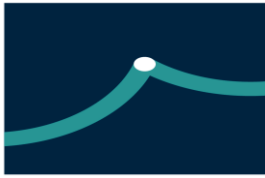
## Application :

Use in dry and wet rooms but not outdoors or in the ground.  
Flexible data transmission, control and interconnection cable for measuring, control and regulation technology, intercom systems, machine, tool and equipment manufacturing and electronics, especially where small dimensions are required.

Becatech B.V.  
Middenweg 18  
3930 Hamont-Achel

info@becatech.be  
www.becatech.be  
+32 (0)11 19 29 45

IBAN BE89363217265185  
VAT BE0777.903.079  
CoC 0777.903.079



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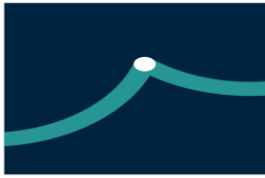
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Core x mm <sup>2</sup>	Overall Diameter mm	Weight (kg)	Cu Weight (kg/km)
2x0.14	3.3	12	2.7
3x0.14	3.4	15	4.0
4x0.14	3.7	17	5.4
5x0.14	4.0	22	6.7
6x0.14	4.4	25	8.1
7x0.14	4.4	26	9.4
8x0.14	4.7	29	10.8
10x0.14	5.4	35	13.4
12x0.14	5.6	43	16.1
14x0.14	6.0	48	18.8
16x0.14	6.3	52	21.5
18x0.14	7.0	65	24.2
20x0.14	7.5	70	26.9
21x0.14	7.6	77	28.2
24x0.14	8.0	87	32.3
25x0.14	7.6	91	33.6
27x0.14	8.1	97	36.3
30x0.14	8.4	106	40.3
32x0.14	8.7	112	43.0
36x0.14	9.0	120	48.4
40x0.14	9.3	132	54.0
44x0.14	10.0	145	59.0
48x0.14	10.7	161	65.0
52x0.14	11.0	173	70.0
56x0.14	11.2	187	75.0
61x0.14	11.5	204	82.0
2x0.25	3.8	17	4.8
3x0.25	4.0	21	7.2
4x0.25	4.6	26	9.6
5x0.25	4.9	30	12.0
6x0.25	5.4	36	14.4
7x0.25	5.4	39	16.8
8x0.25	6.1	44	19.2
10x0.25	7.0	54	24.0
12x0.25	7.2	63	28.8
14x0.25	7.9	75	33.6
16x0.25	8.1	84	38.4
18x0.25	8.8	72	43.2
20x0.25	9.1	101	48.0
21x0.25	9.6	107	50.0

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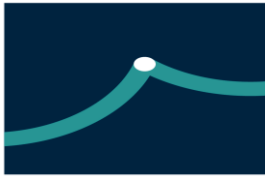
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24x0.25	9.8	120	58.0
25x0.25	9.8	130	65.0
27x0.25	10.0	140	72.0
30x0.25	10.4	156	77.0
32x0.25	11.1	156	86.0
36x0.25	11.3	182	96.0
40x0.25	11.8	190	106.0
44x0.25	12.0	225	115.0
48x0.25	12.2	245	125.0
52x0.25	12.9	263	134.0
56x0.25	14.4	280	146.4
61x0.25	14.9	305	158.0
2x0.34	4.3	20	6.5
3x0.34	4.5	25	9.8
4x0.34	5.2	31	13.1
5x0.34	5.7	38	16.3
6x0.34	6.1	45	19.6
7x0.34	6.1	48	22.8
8x0.34	6.6	54	26.1
10x0.34	7.6	66	32.6
12x0.34	8.2	77	39.2
14x0.34	8.4	101	45.7
16x0.34	8.9	114	52.2
18x0.34	9.5	135	59.0
20x0.34	9.5	135	59.0
21x0.34	10.2	151	69.0
24x0.34	11.0	171	78.3
27x0.34	11.9	188	88.1
30x0.34	12.0	207	98.0
32x0.34	12.3	193	104.4
36x0.34	12.7	244	117.5
40x0.34	13.3	266	131.0
44x0.34	14.4	292	144.0
48x0.34	14.6	315	157.0
52x0.34	15.0	337	170.0
56x0.34	15.5	360	183.0
61x0.34	15.9	392	199.1
2x0.5	4.9	25	9.6
3x0.5	5.3	33	14.4
4x0.5	6.0	42	19.2
5x0.5	6.5	49	24.0
7x0.5	7.0	65	34.0
8x0.5	8.0	74	38.0
10x0.5	9.2	95	48.0
12x0.5	9.5	110	58.0
16x0.5	10.5	143	77.0

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20x0.5	11.5	173	96.0
24x0.5	13.0	250	115.2
25x0.5	13.2	255	120.0
30x0.5	14.1	275	144.0
32x0.5	14.4	261	153.6
40x0.5	16.0	345	192.0
2x0.75	5.0	32	14.4
3x0.75	5.5	42	21.6
4x0.75	6.2	53	29.0
5x0.75	6.8	80	36.0
6x0.75	7.1	90	43.2
7x0.75	7.7	110	50.0
8x0.75	8.3	125	58.0
10x0.75	9.6	148	72.0
12x0.75	10.3	176	86.0
16x0.75	11.5	220	115.0
20x0.75	12.5	276	144.0
2x1	5.8	38	19.2
3x1	6.2	51	29.0
4x1	6.8	81	38.0
5x1	7.6	90	48.0
2x1.5	6.9	52	29.0
3x1.5	7.3	70	43.0
4x1.5	8.0	1?	58.0

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