



Becatech

Interconnective Power



**Extra flexible rubber control
cable (H07ZZ-F)**

Cable Structure :

Conductor: flexible electrolytic annealed copper according to IEC 60228.

Insulation: rubber EI8.

Outer sheath: LSHF rubber type EM8.

Core identification:

- 1 x natural.
- 2 x blue + brown.
- 3 G blue + brown + yellow/green.
- 4 G brown + black + grey + yellow/green.
- 5 G brown + black + grey + blue + yellow/green.
- 6 or more black numbered + yellow/green.

Technical Specification :

Rated conductor temperature: 90°C.

Rated temperature fixed installation: -40°C to 70°C.

Rated temperature flexible installation: -5°C to 70°C.

Fire behaviour:

- Flame non-propagation according to IEC 60332-1.
- Fire non-propagation according to IEC 60332-3.
- Low smoke emission according to IEC 61034.
- Low corrosive gases emission according to IEC 60754-2.
- Halogen free according to IEC 60754-1.
- Reaction to fire, CPR: Cca-s1b, d2, a1.

Rated bending radius:

- < 12mm: 3 x ϕ .
- > or = 12mm: 4 x ϕ .

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Application :

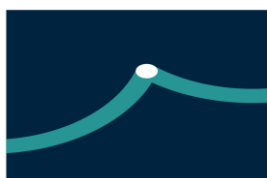
Are designed for indoor and outdoor installation, particularly for applications where only small quantities of smoke and corrosive gases may be emitted in the event of a fire.

Core x mm ²	Conductor Diameter Mm	Insulation Thickness mm	Overall Diameter mm		Cable Weight (kg/km)
			Min.	Max.	
1x4	2.6	1.0	7.2	9.0	89
1x6	3.4	1.0	7.9	9.8	115
1x10	4.4	1.2	9.5	11.9	190
1x16	5.7	1.2	10.8	13.4	259
1x25	6.9	1.4	12.7	15.8	375
1x35	8.1	1.4	14.3	17.9	492
1x50	9.8	1.6	16.5	20.6	675
1x70	11.6	1.6	18.6	23.3	908
1x95	13.3	1.8	20.8	26.0	1171
1x120	15.1	1.8	22.8	28.6	1445
1x150	16.8	2.0	25.3	31.4	1783
1x185	18.6	2.2	27.6	34.4	2125
1x240	21.4	2.4	30.6	38.3	2733
1x300	23.9	2.6	33.5	41.9	3348
1x400	27.5	2.8	37.4	46.8	4800
1x500	35.0	3.0	41.3	52.0	5800
1x630	39.0	3.0	45.5	57.0	6800
2x1	1.3	0.8	7.7	10.0	90
2x1.5	1.6	0.8	8.5	11.0	109
2x2.5	2.0	0.9	10.2	13.1	158
2x4	2.6	1.0	11.8	15.1	217
2x6	3.4	1.0	13.1	16.8	282
2x10	4.4	1.2	17.7	22.6	539
2x16	5.7	1.2	20.2	25.7	722
2x25	6.9	1.4	24.3	30.7	1043
3g1	1.3	0.8	8.3	10.7	110
3g1.5	1.6	0.8	9.2	11.9	134
3g2.5	2.0	0.9	10.9	14.0	196

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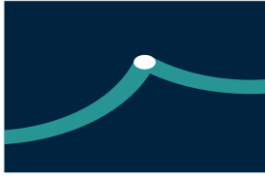
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3g4	2.6	1.0	12.7	16.2	271
3g6	3.4	1.0	14.1	18.0	355
3g10	4.4	1.2	19.1	24.2	674
3g16	5.7	1.2	21.8	27.6	913
3g25	6.9	1.4	26.1	33.0	1324
3g35	8.1	1.4	29.3	37.1	1754
3g50	9.8	1.6	34.1	42.9	2409
3g70	11.6	1.6	38.4	48.3	3211
3g95	13.3	1.8	43.3	54.0	4210
3g120	15.1	1.8	47.4	60.0	5205
3g150	16.8	2.0	52.0	66.0	6389
3g185	18.6	2.2	57.0	72.0	7591
3g240	21.4	2.4	65.0	82.0	9944
3g300	23.9	2.6	72.0	90.0	11545
4g1	1.3	0.8	9.2	11.9	136
4g1.5	1.6	0.8	10.2	13.1	166
4g2.5	2.0	0.9	12.1	15.5	241
4g4	2.6	1.0	14.0	17.9	336
4g6	3.4	1.0	15.7	20.0	449
4g10	4.4	1.2	20.9	26.5	833
4g16	5.7	1.2	23.8	30.1	1138
4g25	6.9	1.4	28.9	36.6	1714
4g35	8.1	1.4	32.5	41.1	2204
4g50	9.8	1.6	37.7	47.5	3029
4g70	11.6	1.6	42.7	54.0	4121
4g95	13.3	1.8	48.4	61.0	5361
4g120	15.1	1.8	53.0	66.0	6546
4g150	16.8	2.0	58.0	73.0	8095
4g185	18.6	2.2	64.0	80.0	9652
4g240	21.4	2.4	72.0	91.0	12614
4g300	23.9	2.6	80.0	101.0	17045
5g1	1.3	0.8	10.2	13.1	168
5g1.5	1.6	0.8	11.2	14.4	206
5g2.5	2.0	0.9	13.3	17.0	297
5g4	2.6	1.0	15.6	19.9	422
5g6	3.4	1.0	17.5	22.2	567
5g10	4.4	1.2	22.9	29.1	1010
5g16	5.7	1.2	26.4	33.3	1400
5g25	6.9	1.4	32.0	40.0	2096
7g1.5	1.6	0.8	13.4	17.2	315

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7g2.5	2.0	0.9	15.7	20.0	445
7g4	2.6	1.0	18.2	23.2	618
10g1.5	1.6	0.8	15.95	20.2	420
12g1.5	1.6	0.8	17.6	22.4	493
12g2.5	2.0	0.9	20.6	26.2	702
12g4	2.6	1.0	24.4	30.9	1004
19g1.5	1.6	0.8	20.7	26.3	710
19g2.5	2.0	0.9	24.4	30.9	1030
24g1.5	1.6	0.8	24.3	30.7	898
24g2.5	2.0	0.9	28.8	36.4	1312
36g1.5	1.6	0.8	27.8	35.2	1246
36g2.5	2.0	0.9	33.2	41.8	1851

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