



Becatech

Interconnective Power



Special PVC control cable (Y-CY-JB)

Cable Structure :

Conductor: (fine wire) bare copper.
Insulation: PVC.
Inner sheath: special PVC.
Shielding: tinned copper braid work with a coverage of 85%.
Outer sheath: transparent special PVC.

Technical Specification :

Rated temperature flexible installation: -5°C to 80°C.
Rated temperature fixed installation: -40°C to 80°C.
Rated bending radius: 10 x ϕ .
Fire behaviour:

- Oil resistant.
- Chemical resistant.
- PVC self-extinguishing.
- Flame retardant.

Application :

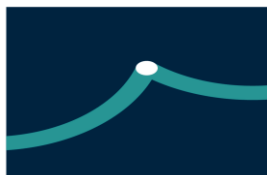
For use as a data and control cable in machinery, computer systems etc. as well as a signal cable for electronics.
Are also suitable for flexible use for medium mechanical stresses with free movements.

Core x mm ²	Overall Diameter mm	Cu Weight (kg/km)	Weight (kg/km)
300/ 500V			
2x0.5	6.9	32	67

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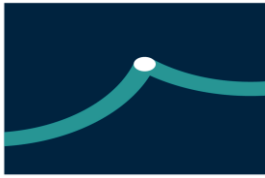
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3g0.5	7.2	39	83
4g0.5	7.8	46	94
5g0.5	8.3	52	108
2x0.75	7.6	39	87
3g0.75	7.8	49	98
4g0.75	8.3	57	113
5g0.75	9.1	69	130
2x1	7.9	46	97
3g1	8.2	56	103
4g1	8.9	69	146
5g1	9.5	85	169
2x1.5	8.4	63	130
3g1.5	9.0	76	152
4g1.5	9.6	96	168
5g1.5	10.5	111	202
450/ 750V			
2x2.5	10.0	96	180
3g2.5	10.7	148	216
4g2.5	11.4	174	267
5g2.5	12.5	200	347
2x4	11.6	135	302
3g4	12.3	178	340
4g4	13.4	220	410
5g4	14.8	328	502
2x6	13.5	175	350
3g6	14.2	240	450
4g6	15.6	305	559
5g6	17.0	441	702
2x10	16.8	265	500
3g10	17.8	370	750
4g10	19.7	485	1020
5g10	21.6	610	1115
4g16	22.6	1240	1380
5g16	25.2	1390	1553
4g25	28.9	1310	1890
5g25	31.8	1840	2270
4g35	32.2	1610	2390
5g35	36.4	2015	2885
4g50	38.2	2220	3315

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4g70	46.8	3090	4600
4g95	51.0	4060	6060
4g120	56.0	5150	7315
4g150	63.5	6740	9340
4g185	68.0	8418	11120

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