



Features:

- Flexible power control cable commonly used in power control, instrumentation or automated equipment where screening or armoring is not required.
- Overall sheathed in Grey PVC with plain copper conductors.

PVC - Control Cable Number Coded

Application:

For decades YY Series control cables have been used successfully as connection and inter-connection cables in general machine building, production lines, production facilities and winding units among other applications for signal and data transmission. YY Series control cables are to a high degree resistant to chemicals like acids and lyes as well as certain hydrocarbonic compounds. As they are of an extraordinary flexibility, YY Series control cables are very suited to being installed where free movement without guidance is required.

In addition to this, YY Series control cables are put into operation in the heating and refrigeration technology because they are resistant to extreme temperatures. YY Series control cables should not be used outdoors or as underground cable.

Construction:

Bare, finely stranded copper conductors according to VDE-standard 0295 conductor class 5. Insulation material PVC type YI2 according to VDE 0207 part 4, sheath material PVC type Y M2 according to VDE 0207 part 5. Sheath grey RAL 7001. Cores black with white numbers. Starting at 3 cores with green/yellow protective conductor.

Technical data:

Test voltage	: 3000V
Nominal voltage	: 300/500V
Temperature range	
in fixed condition	: -40°C to +70°C
in mobile condition	: -5°C to +70°C

< 20 mm >
3 3 3

The narrow clearances in printing ensure the clear identification of cores even with short insulated lengths.

YY Series

Flexible Power Control Cables

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Specifications

Number of Cores x Conductor Area (mm ²)	Colour	Outside Diameter	Reel Length (m)	Current Rating (A)	Part Number	
3 x 0.75	2 numbered Black, Green/Yellow	5.8	50	6	CBBR1071	
			100		CBBR1072	
3 x 1.0		6.3	50	10	CBBR1073	
			100		CBBR1074	
3 x 1.5		7.0	50	16	CBBR1075	
			100		CBBR1076	
3 x 2.5		8.8	50	20	CBBR1077	
			100		CBBR1078	
4 x 0.75		3 numbered Black, Green/Yellow	6.6	50	6	CBBR1079
				100		CBBR1080
4 x 1.0			6.9	50	10	CBBR1081
				100		CBBR1082
4 x 1.5	7.9		50	16	CBBR1083	
			100		CBBR1084	
4 x 2.5	9.9		50	20	CBBR1085	
			100		CBBR1086	
5 x 0.75	4 numbered Black, Green/Yellow		7.5	50	6	CBBR1087
5 x 1.5			8.8		16	CBBR1088
5 x 2.5			11.0		20	CBBR1089
7 x 0.75	6 numbered Black, Green/Yellow		8.1	50	6	CBBR1090
7 x 1.0		8.5	10		CBBR1091	
7 x 1.5		9.8	16		CBBR1092	
12 x 0.75		11.2	6		CBBR1093	

Dimensions : Millimetres (Unless Specified)

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Notes:

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