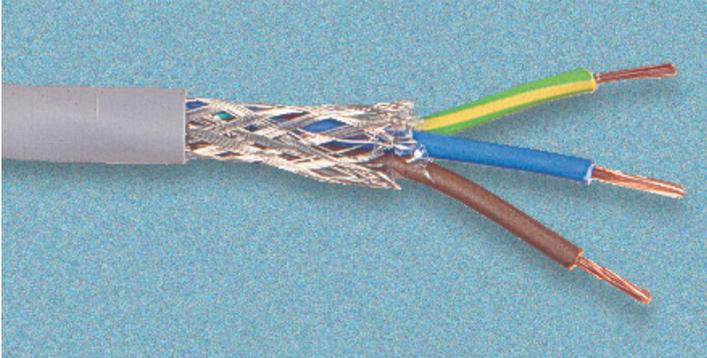


CY Type

Flexible Power Control Cables

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Features:

- Flexible power control cable used in data applications and automated equipment where screening is required and the equipment could be subject to vibration.
- Grey PVC insulation with a tinned annealed copper braid.

Core colour codes **3 Core** : Blue, Brown, Green/Yellow.

4 Core : Blue, Brown, Black, Green/Yellow.

5 Core : Blue, Brown, Green/Yellow,
2 x Black.

7 Core : 6 numbered Black, Green/Yellow.

Application:

For decades 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. These control cables are, to a high degree, resistant to chemicals like acids and lyes as well as certain hydrocarbonic compounds.

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

Due to the copper braid, these cables are highly resistant to mechanical stresses.

Construction:

Bare, finely stranded copper conductors according to VDE-standard 0295 conductor-class 5. Insulation material PVC type Y12 according to VDE 0207 part 4, inner sheath material PVC type Y M2 according to VDE 0207 part 5. Sheath grey RAL 7001. Tinned copper braid, optical coverage approximately 85%. Outer sheath grey.

Technical Data:

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

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Specifications

Number of Core	Conductor Area (mm ²)	Conductor Size	Current Rating (A)	Maximum Outer Diameter	Approximate Weight kg/km	Copper Content kg/km	Reel Length (m)	Part Number
3	0.75	24/0.2	6	8.5	107.0	49.0	50	CBBR1094
							100	CBBR1095
	1.00	32/0.2	10	8.7	119.0	56.0	50	CBBR1096
							100	CBBR1097
	1.50	30/0.25	16	9.8	151.0	76.0	50	CBBR1098
							100	CBBR1099
2.50	50/0.25	20	11.6	219.0	148.0	50	CBBR1100	
						100	CBBR1101	
4	0.75	24/0.2	6	8.8	120.0	57.0	50	CBBR1102
							100	CBBR1103
	1.00	32/0.2	10	9.6	144.0	69.0	50	CBBR1104
							100	CBBR1105
	1.50	30/0.25	16	10.7	182.0	96.0	50	CBBR1106
							100	CBBR1107
2.50	50/0.25	20	12.7	268.0	174.0	50	CBBR1108	
						100	CBBR1109	
5	0.75	24/0.2	6	9.9	150.0	69.0	50	CBBR1110
							100	CBBR1111
	1.00	32/0.2	10	10.2	167.0	85.0	50	CBBR1112
							100	CBBR1113
	1.50	30/0.25	16	11.6	219.0	111.0	50	CBBR1114
							100	CBBR1115
2.50	50/0.25	20	14.1	328.0	200.0	50	CBBR1116	
						100	CBBR1117	
7	1.50	30/0.25	16	12.6	268.0	147.0	50	CBBR1118
							100	CBBR1118

Dimensions : Millimetres (Unless Specified)

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