Rheyflex YCY
PVC–EMC Flexible Control Cable

Construction 300/500V cables to 1.5mm & 450/750V at 2.5mm & above, flexible PVC insulated, tinned copper braided with transparent PVC sheath, copper conductors to DIN VDE 0295 class 5, flexing –5°C to 80°C, fixed –40°C to 80°C. Cores available in either black with white numbering or coloured cores. Minimum bending radius 10 × cable o.d.

Application For use as a data and control cable in machinery, computer systems etc. as well as a signal cable for electronics. The high level of screening ensures a high degree of interference protection. The screening density assures disturbance free transmission of all signals and impulses.

No. cores & cross-sec. mm^2	Nominal diameter mm	Approx. mass kg/km	**Product code**
2C			
0.5	6.9	67	CY2X0.5
0.75	7.6	87	CY2X0.75
1	7.9	97	CY2X1
1.5	8.4	130	CY2X1.5
2.5	10	180	CY2X2.5
2C+E			
0.5	7.2	83	CY3G0.5
0.75	7.8	98	CY3G0.75
1	8.2	103	CY3G1
1.5	9	152	CY3G1.5
2.5	10.7	216	CY3G2.5
4	12.3	340	CY3G4
6	14.2	450	CY3G6
3C+E			
0.5	7.8	94	CY4G0.5
0.75	8.3	113	CY4G0.75
1	8.9	146	CY4G1
1.5	9.6	168	CY4G1.5
2.5	11.4	267	CY4G2.5
4	13.4	410	CY4G4
6	15.6	559	CY4G6
4C+E			
0.5	8.3	108	CY5G0.5
0.75	9.1	130	CY5G0.75
1	9.5	169	CY5G1
1.5	10.5	202	CY5G1.5
2.5	12.5	347	CY5G2.5
4	14.8	502	CY5G4
6	17	702	CY5G6
6C+E			
0.5	9.5	136	CY7G0.5
0.75	10.4	184	CY7G0.75
1	11	219	CY7G1
1.5	12.1	304	CY7G1.5
2.5	15	407	CY7G2.5
4	16.2	638	CY7G4
6	18.7	907	CY7G6
11C+E			
0.5	11.3	195	CY12G0.5
0.75	12.5	292	CY12G0.75
1	13.1	350	CY12G1
1.5	14.9	434	CY12G1.5
2.5	18	722	CY12G2.5
17C+E			
0.5	13.1	277	CY18G0.5
0.75	14.3	358	CY18G0.75
1	15.4	514	CY18G1
24C+E			
0.5	15.7	407	CY25G0.5
0.75	17.4	508	CY25G0.75
1	18.3	689	CY25G1

No. cores & cross-sec. mm^2	Nominal diameter mm	Approx. mass kg/km	**Product code**
40C+E			
0.5	19	671	CY41G0.5
0.75	21.2	971	CY41G0.75
1	22.1	1092	CY41G1
60C+E			
0.5	22.9	850	CY61G0.5
0.75	25	1290	CY61G0.75
1	26.2	1370	CY61G1
Coloured Cores			
2C + E			
1	8.2	103	CY3G1JB
1.5	9	152	CY3G1.5JB
2.5	10.7	216	CY3G2.5JB
4	12.3	340	CY3G4JB
6	14.2	450	CY3G6JB
10	17.8	750	CY3G10JB
3C+E			
1	8.9	146	CY4G1JB
1.5	9.6	168	CY4G1.5JB
2.5	11.4	267	CY4G2.5JB
4	13.4	410	CY4G4JB
6	15.6	559	CY4G6JB
10	19.7	1020	CY4G10JB
16	22.6	1380	CY4G16JB
25	28.9	1890	CY4G25JB
35	32.2	2390	CY4G35JB
50	38.2	3315	CY4G50JB
70	46.8	4600	CY4G70JB
95	51	6060	CY4G95JB
120	56	7315	CY4G120JB
150	63.5	9340	CY4G150JB
185	68	11120	CY4G185JB
4C+E			
1	9.5	169	CY5G1JB
1.5	10.5	202	CY5G1.5JB
2.5	12.5	347	CY5G2.5JB
4	14.8	502	CY5G4JB
6	17	702	CY5G6JB
10	21.6	1115	CY5G10JB
16	25.2	1553	CY5G16JB
25	31.8	2270	CY5G25JB
35	36.4	2885	CY5G35JB
50	43	4150	CY5G50JB

G = with green-yellow earth core.
X = without green-yellow earth core (OZ).
JB = coloured cores.

Note Black cores with continuous white numbering according to DIN VDE 0293.