



CY screened & bedded flexible control cable

Applications:	Control cable to connect equipment in production/assembly lines. Can be used between both fixed and mobile equipment and air conditioning systems. CY Cables are not suitable for direct connection to the public mains supply. Suitable as data and control cables in machinery, computer systems etc as well as a signal cable for electronics.
Sheath colour:	Grey
Sheath:	PVC (Polyvinyl chloride)
Conductors:	Plain annealed flexible copper. Class 5 Flexible.
Insulation:	PVC (Polyvinyl chloride)
Bedding:	PVC extruded bedding
Core identification:	Single core: blue 2 core: brown & blue 3 core: brown, blue & green/yellow 4 core: brown, grey, black & green/yellow
Screen:	Melinex tape & TCWB (Tinned copper wire braid)
Voltage:	300/500v
Operating temperature:	Flexing: -15°C / + 80°C Fixed: -40°C / + 80°C
Minimum bending radius:	6 x overall diameter
Standards:	VDE0250: Insulated power cables. General specifications

Size sq.mm	No of cores	Diameter over laid up cores mm	Nominal diameter over bedding mm	Nominal overall diameter mm	Weight kg/km	BATT Part No.
0.5	2	3.9	5.5	8.0	88	79507
0.75	2	4.3	5.9	8.4	105	79144
1.0	2	4.6	6.2	8.9	118	79146
1.5	2	5.2	6.8	9.7	140	79285
2.5	2	6.4	8.4	11.6	198	79149
4	2	8.4	10.4	13.8	273	79156
6	2	9.8	12.0	15.4	339	79161
10	2	12.4	14.8	18.4	485	79166
16	2	14.6	17.2	21.0	647	79170
0.5	3	4.2	5.8	8.3	100	79143
0.75	3	4.6	6.2	8.9	124	79054
1.0	3	4.9	6.5	9.4	139	79148
1.5	3	5.6	7.2	10.1	163	79050
2.5	3	6.9	8.9	12.1	235	79369
4	3	9.0	11.2	14.6	338	79157
6	3	10.6	14.3	16.2	419	79162
10	3	13.4	15.8	19.6	621	79167
16	3	15.8	18.4	22.4	841	79171
0.5	4	4.8	6.2	8.9	122	-
0.75	4	5.1	6.7	9.6	146	-
1.0	4	5.5	7.1	10.0	161	79299
1.5	4	6.3	8.1	11.2	202	-
2.5	4	7.7	9.7	12.9	278	79302
4	4	10.1	12.9	16.5	436	-
6	4	11.9	14.3	17.9	523	-
10	4	15.0	17.6	21.4	880	79368
16	4	17.7	20.5	24.7	1400	-