



SY Braided Cable (coloured cores)

Applications:	Control cable to connect equipment in production/assembly lines. Can be used between both fixed and mobile equipment and air conditioning systems
Conductors:	Plain annealed flexible copper, class 5.
Insulation:	PVC (Polyvinyl chloride)
Core identification:	2 core: brown & blue 3 core: brown, blue & green/yellow 4 core: brown, grey, black & green/yellow 5 core: brown, blue, grey, black & green/yellow
Bedding:	PVC (Polyvinyl chloride)
Armour / Jacket:	GSWB (Galvanised steel wire braid)
Sheath:	PVC (Polyvinyl chloride)
Colour:	Transparent
Voltage:	300/500v
Operating temperature:	Maximum 70°C, Minimum bending 0°C
Minimum bending radius:	6 x overall diameter
Standards:	VDE0250: Insulated power cables. General specifications



Size sq.mm	No of cores	Nom dia over laid up cores mm	Nom dia over bedding mm	Nom dia over braid mm	Nom overall diameter mm	Weight kg/km	BATT Part no
0.5	2	3.9	5.5	6.5	8.3	91	73132
0.75	2	4.5	6.1	7.1	9.0	85	73047
1.0	2	4.7	6.3	7.3	9.3	101	73052
1.5	2	5.2	6.8	7.8	9.8	114	73002
2.5	2	6.4	8.0	9.0	11.0	143	73063
4	2	8.8	10.8	11.8	13.8	240	-
6	2	10.2	12.2	13.4	15.4	316	-
10	2	13.2	15.3	16.5	18.9	467	-
0.5	3	4.2	5.7	6.7	8.6	99	73071
0.75	3	4.7	6.4	7.4	9.3	116	73048
1.0	3	5.0	6.6	7.6	9.5	126	73032
1.5	3	5.6	7.2	8.2	10.1	145	73004
2.5	3	6.9	8.5	9.5	11.4	193	73064
4	3	9.5	11.5	12.8	14.8	312	73041
6	3	11.0	13.0	14.2	16.2	407	73030
10	3	14.3	16.5	17.7	20.1	621	73081
16	3	16.9	19.7	20.8	23.8	857	73125
25	3	18.6	21.4	22.7	25.5	1110	-
0.5	4	4.8	6.2	7.2	9.1	113	73219
0.75	4	5.3	6.9	7.9	9.8	133	73175
1.0	4	5.6	7.2	8.2	10.1	146	73184
1.5	4	6.3	7.9	8.9	10.8	171	73166
2.5	4	7.8	9.4	10.4	12.3	232	73178
4	4	10.7	12.7	13.9	15.8	384	73172
6	4	12.4	14.4	15.6	17.9	508	73167
10	4	16.0	18.4	19.6	21.9	779	73173
16	4	18.9	21.4	22.7	25.5	1040	73183
25	4	20.8	23.8	25.1	27.2	1350	73189
35	4	25.8	29.3	31.5	35.5	2400	73179
50	4	32.1	35.7	37.9	42.0	3200	73176
70	4	35.0	38.5	40.8	44.9	4150	73177
95	4	40.0	43.7	45.9	50.0	5440	73201
120	4	45.8	49.5	51.7	55.9	6800	73140
0.5	5	5.1	6.7	7.7	9.7	129	73134
0.75	5	6.0	7.6	8.6	10.5	155	73168
1.0	5	6.3	7.9	8.9	10.8	171	73199
1.5	5	7.1	8.7	9.7	11.6	202	73181
2.5	5	8.7	10.3	11.3	13.2	277	73169
4	5	11.9	14.0	15.2	17.5	478	73174
6	5	12.8	15.9	17.1	19.4	617	73170
10	5	16.0	20.4	21.6	24.3	978	73171
16	5	21.1	24.1	25.4	28.6	1300	73186
25	5	23.2	26.4	27.7	31.3	1740	73182

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