



CY Screened 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. 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 RAL 7001

Sheath:

PVC (Polyvinyl chloride)

Conductors:

Plain annealed flexible copper. Class 5 flexible

Insulation:

PVC (Polyvinyl chloride)

Core identification:

Single core: blue

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

7 core and above: black cores with white number inc Green/Yellow

2 – 5 core: also stocked with number coded conductors

Screen:

Melinex tape & TCWB (Tinned copper wire braid)

Voltage:

300/500v

Operating temperature:

Flexing: -15°C / + 70°C

Fixed: -20°C / + 70°C

Minimum bending radius:

6 x overall diameter

Standards:

VDE0295: General specifications

BSEN50266-1:2001: Common test methods for cables under fire conditions. Test for vertical flame spread of vertically-mounted bunched wires or cables



Size sq.mm	No of cores	Diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT Part No.
0.75	1	2.4	4.0	27	79510
1.0	1	2.5	4.2	32	79085
1.5	1	2.8	5.1	46	79511
0.5	2	3.9	6.5	59	79393
0.75	2	4.3	6.8	71	79361
1.0	2	4.6	7.1	80	79375
1.5	2	5.2	7.7	97	79395
2.5	2	6.4	9.3	140	79086
4	2	8.4	11.5	206	79448
6	2	9.8	12.9	268	79087
0.5	3	4.2	6.8	79	79382
0.75	3	4.6	7.1	85	79316
1.0	3	4.9	7.4	97	79110
1.5	3	5.6	8.3	124	79351
2.5	3	6.9	9.8	177	79379
4	3	9.0	12.1	264	79130
6	3	10.6	13.9	357	79135
10	3	14.4	18.0	500	79089

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Size sq.mm	No of cores	Diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT Part No.
16	3	17.1	21.4	800	79097
0.5	4	4.8	7.4	83	79335
0.75	4	5.1	7.6	101	79291
1.0	4	5.5	8.0	117	79332
1.5	4	6.3	9.2	154	79297
2.5	4	7.7	10.6	217	79300
4	4	10.1	14.4	364	79338
6	4	11.9	15.2	446	79340
10	4	16.1	20.3	783	793452
16	4	19.2	23.9	1250	79294
0.5	5	5.1	7.7	94	79333
0.75	5	5.8	8.2	118	79322
1.0	5	6.1	9.0	144	79292
1.5	5	7.0	9.9	181	79323
2.5	5	8.6	11.7	263	79298
4	5	11.3	14.6	399	79345
6	5	13.2	16.7	543	79293
10	5	18.0	22.2	876	79301
16	5	21.4	26.1	1415	79104

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