

ALVERN CABLES

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### Construction

High conductivity bunched/stranded tinned copper, insulated and colour coded with a silicone rubber dielectric. Flexible single core silicone rubber insulated cables, for internal wiring and for general use.

### Applications

ALSILCO is used for wiring of high temperature and high performance control panels. This product is used where above normal performance is required for fire prevention and where safety and reliability are of major concern.

### Specification

Voltage Rating	300/500 Volts - 0.5mm <sup>2</sup> - 4.0mm <sup>2</sup> & 600/1000 Volts - 6mm <sup>2</sup> ≤
Temperature Range	-60° to +180°C
Flexibility Class	5
Conductor Type	Tinned annealed copper
Sheath Material	Silicone rubber
Colour Options	Blue, Green/Yellow, Red, Black and White

### Packaging

Available in 100 metre shrink-wrapped coils.

## TECHNICAL DATA

Nominal Size mm <sup>2</sup>	Class of Conductor	Insulation Thickness mm	Outer Diameter mm	Max cond. resist. at 20°C Ohm/km Tinned	Cable Weight kg/km
1x0.50	5	0.6	2.1	40.1	10
1x0.75	5	0.6	2.3	26.7	13
1x1.00	5	0.6	2.5	20.0	15
1x1.50	5	0.6	2.8	13.7	21
1x2.50	5	0.7	3.5	8.21	34
1x4.00	5	0.8	4.1	5.09	49
1x6.00	5	0.8	4.7	3.39	68
1x10.00	5	1.0	6.1	1.95	110
1x16.00	5	1.2	7.5	1.24	168
1x25.00	5	1.4	9.1	0.795	254
1x35.00	5	1.4	10.3	0.565	347
1x50.00	5	1.6	12.0	0.393	490
1x70.00	5	1.6	13.7	0.277	686
1x95.00	5	1.8	15.6	0.210	888