

## Single Core Flexible Cables

Conductor : High purity electrolytic grade bright annealed flexible bunched bare copper  
 Conductor according to international standards like IS-8130, BS-6360, IEC-228 & VDE-0295.

Insulation : Specially developed dielectric grade PVC Compound.

Cross Section Area (Nom.)	Nos./ size of wire	Insulation Thickness (Nom.)	Overall Diameter (approx.)	Conductor Resistance at 20° C (max.)	Current Carrying Capacity
Sq.mm	Nos./mm	Mm	mm	Ohm/Km	Amps.
0.5	16/.2	0.6	2.2	39.0	4
0.75	24/.2	0.6	2.5	26.0	7
1.0	14/.3	0.6	2.6	18.1	11
1.5	22/.3	0.6	3.0	12.1	14
2.5	36/.3	0.7	3.6	7.41	19
4	56/.3	0.8	4.3	4.95	26
6	84/.3	0.8	5.1	3.30	31
10	140/.3	1.0	6.6	1.91	42
16	226/.3	1.0	7.8	1.21	57
25	354/.3	1.2	9.7	0.780	71
35	495/.3	1.2	11.0	0.554	91
50	703/.3	1.4	13.2	0.386	120
70	360/.5	1.4	15.3	0.272	165
95	475/.5	1.6	17.9	0.206	200
120	608/.5	1.6	19.4	0.161	225
150	750/0.5	1.8	21.9	0.129	250
185	925/0.5	2.0	24.5	0.106	300
240	1221/0.5	2.2	28.0	0.0801	425



**the flexible cable experts**

Plot No.5 & 6, Mahagujarat Ind.Estate, Moraiya,  
 Sarkhej-Bavla Highway, Tal-Sanand, Ahmedabad-382213, India.  
 Tel: +91 2717 250025, 324868 Telefax: +91 2717 250040  
 Email: [info@aerolexcables.com](mailto:info@aerolexcables.com) Website:- [www.aerolexcables.com](http://www.aerolexcables.com)