



Bulk Cables

2.54mm Flexible Flat Copper Cable

PRODUCT DETAILS

The Flex Connection range of Flexible Flat Copper Cables are manufactured by laminating tin plated copper conductors between two layers of tough, flexible, flame retardant UL VW-1 rated polyester/adhesive Insulators. Cables can be supplied in bulk on roll format or cut to length. We can also supply them terminated with industry standard connectors.

FEATURES

 Highly Flexible

 Light Weight

 Extremely Thin

 Cost-Effective

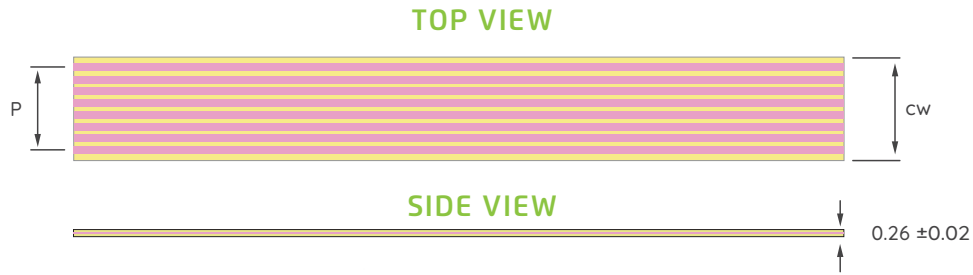
 Suitable to Fold

 Can be Shielded

TABLE

No. of Conductor	Conductor Size		Dimensions		No. of Conductor	Conductor Size		Dimensions	
	Thickness	Width	P(mm)	CW(mm)		Thickness	Width	P(mm)	CW(mm)
2	0.076	1.57	2.54±0.2	7.62±0.3	22	0.076	1.57	53.34±0.5	58.42±0.6
3	0.076	1.57	5.08±0.2	10.16±0.3	23	0.076	1.57	55.88±0.5	60.96±0.6
4	0.076	1.57	7.62±0.2	12.70±0.3	24	0.076	1.57	58.42±0.5	63.50±0.6
5	0.076	1.57	10.16±0.2	15.24±0.3	25	0.076	1.57	60.96±0.5	66.04±0.6
6	0.076	1.57	12.70±0.2	17.78±0.3	26	0.076	1.57	63.50±0.5	68.58±0.6
7	0.076	1.57	15.24±0.3	20.32±0.4	27	0.076	1.57	66.04±0.5	71.12±0.6
8	0.076	1.57	17.78±0.3	22.86±0.4	28	0.076	1.57	68.58±0.5	73.66±0.6
9	0.076	1.57	20.32±0.3	25.40±0.4	29	0.076	1.57	71.12±0.5	76.20±0.6
10	0.076	1.57	22.86±0.3	27.94±0.4	30	0.076	1.57	73.66±0.5	78.74±0.6
11	0.076	1.57	25.40±0.3	30.48±0.4	31	0.076	1.57	76.20±0.6	81.28±0.7
12	0.076	1.57	27.94±0.4	33.02±0.5	32	0.076	1.57	78.74±0.6	83.82±0.7
13	0.076	1.57	30.48±0.4	35.56±0.5	33	0.076	1.57	81.28±0.6	86.36±0.7
14	0.076	1.57	33.02±0.4	38.10±0.5	34	0.076	1.57	83.82±0.6	88.90±0.7
15	0.076	1.57	35.56±0.4	40.64±0.5	35	0.076	1.57	86.36±0.6	91.44±0.7
16	0.076	1.57	38.10±0.4	43.18±0.5	36	0.076	1.57	88.90±0.6	93.98±0.7
17	0.076	1.57	40.64±0.4	45.72±0.5	37	0.076	1.57	91.44±0.6	96.52±0.7
18	0.076	1.57	43.18±0.4	48.26±0.5	38	0.076	1.57	93.98±0.6	99.06±0.7
19	0.076	1.57	45.72±0.4	50.80±0.5	39	0.076	1.57	96.52±0.6	101.60±0.7
20	0.076	1.57	48.26±0.4	53.34±0.5	40	0.076	1.57	99.06±0.6	104.14±0.7
21	0.076	1.57	50.80±0.5	55.88±0.6					

DIMENSION OUTLINE



ELECTRICAL AND MECHANICAL PROPERTIES

Material	Flat Copper Conductor Laminated between 2 layers of Polyester Insulation
Pitch	2.54mm±0.1
Number of Conductors	2-40 ways
Conductor Size	1.57mm (width) x 0.076mm thick bare copper
Insulation Thickness	0.1mm
Conductor Resistance	<0.2 Ω/M
Insulation Resistance	Over 1,000m Ω/M @ 2000 VDC (20°C)
Operating Voltage	300V RMS
Conductor Rating	3A AC/Conductor
Dielectric Strength	1000V AC for 1 Min between Conductors
Operating Temperature	-55°C to 105°C
UL Flammability Rating	VW-1

PART NUMBERING BREAKDOWN

