

Flexible Flat Cables

1.25mm Pitch Flexible Flat Cable



PRODUCT DETAILS

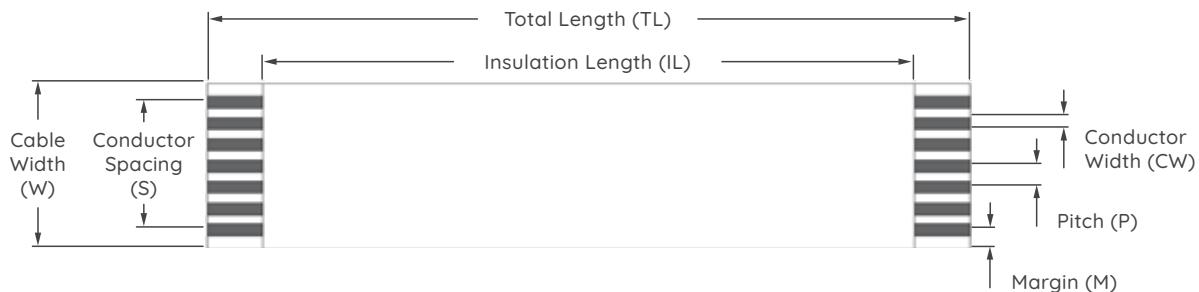
Flex Connection provides a wide range of interconnect solutions utilizing the latest Flexible Flat Cable Technology. We produce standard pitch product from 0.30mm to 2.54mm with options including Shielding, Folding, Gold Plating, Printing or Labeling, Hi Flex Ratings, Hi Temp Ratings and industry standard termination styles. Our product specialists will be pleased to support your individual application requirements with cables designed to meet your specific needs.

FEATURES

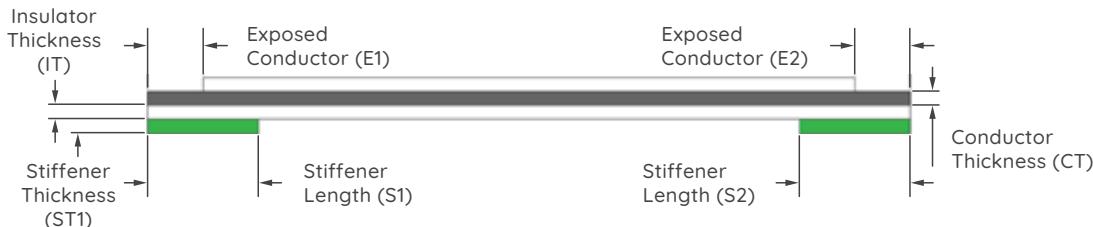
-  Highly Flexible
-  Light Weight
-  Extremely Thin
-  Cost-Effective
-  Wide Temperature Range
-  Suitable to Fold
-  Can be Shielded
-  Quality Design

DIMENSION OUTLINE

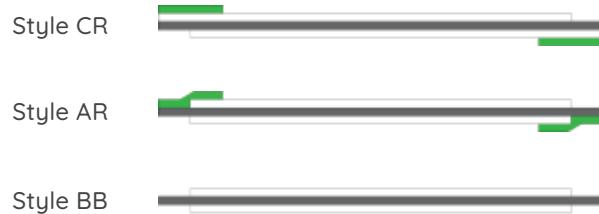
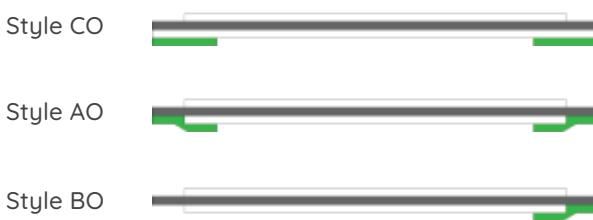
TOP VIEW



SIDE VIEW



STANDARD STYLE OPTIONS



For other styles please consult our sales office

ELECTRICAL AND MECHANICAL PROPERTIES

Material	Tin Plated Copper Conductor laminated between 2 layers of Polyester Insulation		
Pitch	1.25mm±0.1		
Number of Conductors	4-70		
Conductor Size	0.035 x 0.8mm (special request)	0.05 x 0.8mm (standard)	0.1 x 0.8mm (standard)
Cable Thickness	0.15mm	0.17mm	0.22mm
Insulation Thickness	0.06mm (standard)		
Insulation Material	White Polyester (standard) or Yellow Polyimide (special request)		
Conductor Resistance	Less than 0.77Ω/M	Less than 0.53Ω/M	Less than 0.27Ω/M
Insulation Resistance	≥100MΩ		
Operating Voltage (max)	30V	60V	300V
Current Rating (max)	1.0A	1.5A	2.0A
Dielectric Strength	500V AC		
Operating Temperature	-30°C to 80°C	-40°C to 105°C	-40°C to 105°C
UL Flammability Rating	VW-1		
Flexible Life	>3M Cycle @ 15mm Bend Radius		

OPTIONS



Black Insulator



Gold Plating

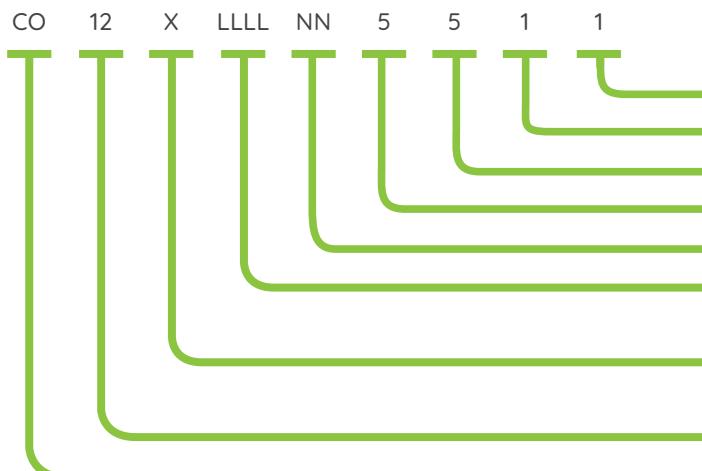


Shielding



Printing or Labeling

PART NUMBERING BREAKDOWN



- Right Side Stiffener Length (S2) 1 = 10mm as Standard
- Left Side Stiffener Length (S1) 1 = 10mm as Standard
- Right Side Exposed Length (E2) = 5mm as Standard
- Left Side Exposed Length (E1) = 5mm as Standard
- Number of Conductors = 4-70
- LLL = Cable Length using 4 digits
(e.g. 250mm = 0250, 1650mm = 1650)
- Conductor Size = M = 0.035 x 0.8mm,
O = 0.05 x 0.8mm, T = 0.1 x 0.8mm
- Pitch (12 = 1.25mm)
- Standard Style Options = CO, AO, BO, CR, AR, BB

Europe

Unit 8, Campus Five
Third Avenue, Letchworth
Hertfordshire SG6 2JF
United Kingdom
T +44 1462 341125
F +44 1462 677499
E sales@flexconnection.eu

North America

4500 Red Arrow Hwy Unit E
Stevensville
Michigan
49127 USA
T +1 269 408 8400
F +1 269 593 5952
E sales@flexconnection.net

Hong Kong

Unit 5/6 6F Westley Square
48 Hoi Yuen Road
Kwun Tong
Hong Kong
T +852 3523 1884
F +852 3747 8980
E sales@flexconnection.asia

China

Unit 613A-615 Floor 6 Block
A Commercial Bldg 99 Dahe
Road, Guanlan Long Hua
District, Shenzhen, China
T +86 755 2798 1678
F +86 755 2263 8887
E sales@flexconnection.cn

Brazil

Avenida Cassiano Ricardo
nº 601 Sala 61 Jd. Aquarius
Ed. The One Office Tower
São José dos Campos
SP 12246-870 Brazil
T +55 11 99013-3030
E sales@flexconnection.br.com