

Flexible Flat Cables



PRODUCT DETAILS

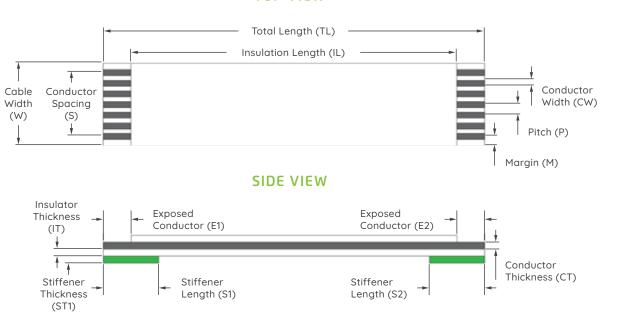
Flex Connection provides a wide range of interconnect solutions utilizing the latest Flexible Flat Cable Technology. We produce standard pitch product from 0.30mm to 2.54mm with options including Shielding, Folding, Gold Plating, Printing or Labeling, Hi Flex Ratings, Hi Temp Ratings and industry standard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

FEATURES



DIMENSION OUTLINE





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	1.27mm±0.1
Number of Conductors	4-70
Conductor Size	0.1 x 0.8mm (standard)
Cable Thickness	0.22mm
Insulation Thickness	0.06mm
Insulation Material	White Polyester (standard) or Yellow Polyimide (special request)
Conductor Resistance	Less than 0.27Ω/M
Insulation Resistance	≥100MΩ
Operating Voltage (max)	300V
Current Rating (max)	5A
Dielectric Strength	500V AC
Operating Temperature	-40°C to 105°C
UL Flammability Rating	VW-1
Flexible Life	>0.5M Cycle @ 25mm Bend Radius

OPTIONS







Gold Plating

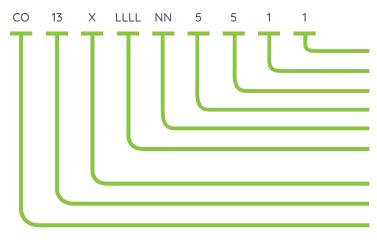


Shielding



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

LLLL = Cable Length using 4 digits (e.g. 250mm = 0250, 1650mm = 1650)

Conductor Size = $T = 0.1 \times 0.8 \text{mm}$

Pitch (13 = 1.27 mm)

Standard Style Options = CO, AO, BO, CR, AR, BB

1st Jan 2017 Issue 1

2025 Flex Connection

flexconnection.alobal

Europe

- O 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

- Stevensville Michigan 49127 USA
- % T +1 269 408 8400 F +1 269 593 5952

Hong Kong

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

China

Unit 613A-615 Floor 6 BlockA Commercial Bldg 99 Dahe Road Guanlan Long Hua District Shenzhen China

☑ E sales@flexconnection.cn

% T +86 755 2798 1678 ⊕ F +86 755 2263 8887

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