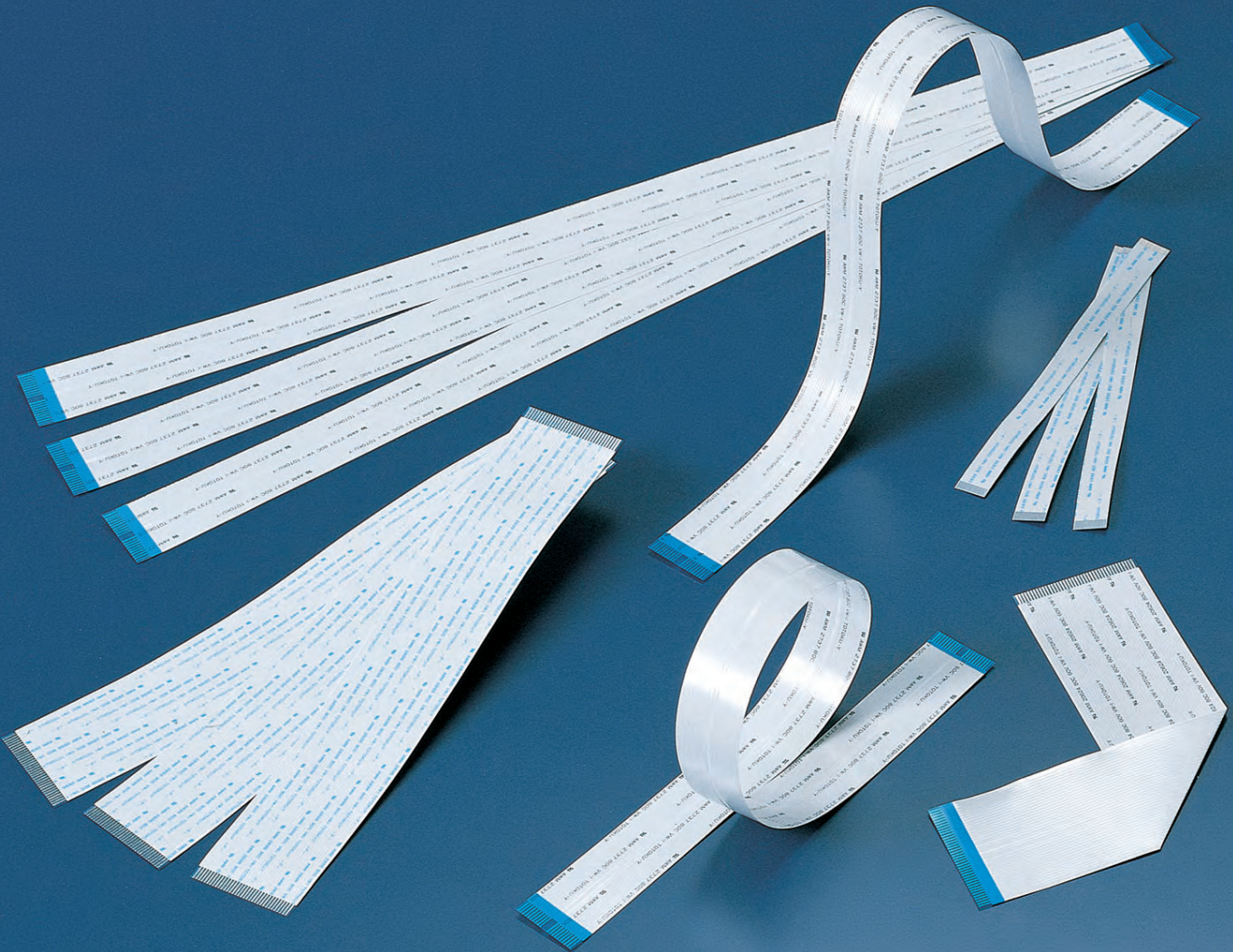


TOTOKU

Flexible Flat Cable

*Flexible Flat Cable*  
**Leafconn**



# Flexible Flat Cable

# Leafconn

Flexible flat cable is the best cable for connecting internal connects electronic apparatus by pillared and tin wiring  
Highly flexibility and good durability

Leafconn is registered trademarks of TOTOKU INC. Flexible Flat Cable

## Features

- They are optimal wiring materials for signal transmission and power supply within electric and electronic devices requiring lighter products and reduced space.
- Products with any desired length (note-1) and number of cores can be easily produced. (note-1) Length from 30mm to 10,000mm.
- Can be bent to any desired shape for use.
- Suppress the whiskers and prevent short circuiting of narrow pitch.
- UL certification  
LEAFCONN complies with UL standards.  
Flame retardant grade complies with VW-1.

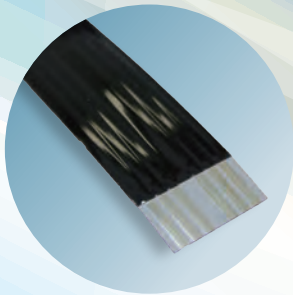
## Merit

- Excellent elastic behavior able to withstand repeated bending.
- Can be use on movable part such as printers and scanners.
- Small wiring space requirements, for improved mounting density.
- By adding a shield, it can be used for equipment which requires noise processing.
- By shielding, it is possible to protect equipment from the noise.

## Standard specification

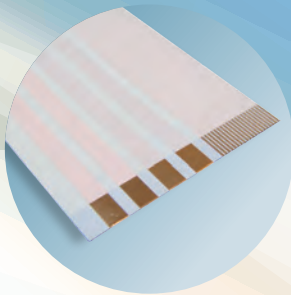
- Pitch: 0.5mm~1.25mm
- No. of conductors: Min 1 pin
- Plating: Tin, Gold
- Heat-resistance: 80°C, 105°C

## Can do it for example



### Coloring tape

Standard: White Picture Black

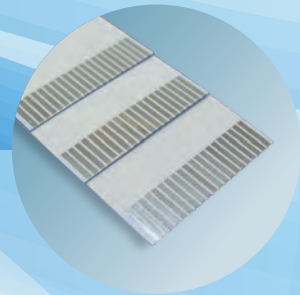


### Laminating disparte conductors



### Slit processing

Reduce the numbers of insert and unplug



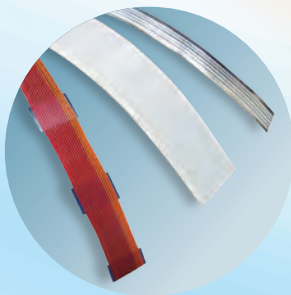
### Multilayer

Contributes to multi-signal transmission

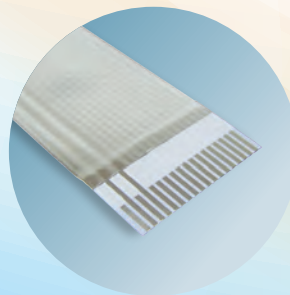


### Ultra-lightweight conductor

Weight saving

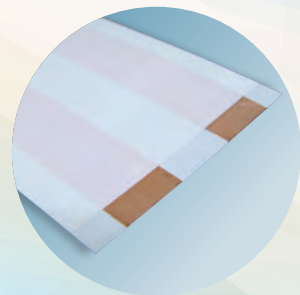


### Laminating round wire



### Shielding

Measure against noise



### Wide range conductors

For high current



## Impedance matching



### Features

- These products are ideal for high-speed signal transmission compliant with the next-generation high-speed interface standard "V-by-One US®" (note-1).
- (note-1) V-by-One US® is a registered trademark of THine Electronics, Inc.

### Merit

- High-definition image signals such as 8K images can be transmission by ultra-thin cables.
- Possible High-speed signal transmission within the server.
- Can be possible to adjust impedance that required.

### Standard specification

- Pitch : 0.5mm
- Plating : Gold
- Heat-resistance : 80°C,105°C
- Impedance (Differential) : 85~100ohm



## Impedance matching + High heat resistance



### Features

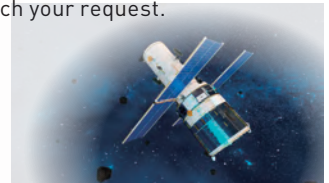
- High heat resistance cable with impedance matching.
- High-speed signal transmission allows some equipment especially hot area.
- Able to connecting at the hot area with high-speed signal transmission.

### Merit

- Possible to internal connecting with high-speed signal transmission around high temperatures area.
- Possible to adjust any impedance which your request.

### Standard specification

- Pitch : 0.5mm
- Plating : Gold
- Heat-resistance : 125°C



## High heat resistance



### Features

- High heat and humidity resistance (125°C 1008H) cables.
- Surface treatment is available for tin and gold plating.

### Merit

- Possible to internal wiring around high temperatures area.

### Standard specification

- Pitch : 0.5mm~1.25mm
- Plating : Tin, Gold
- Heat-resistance : 125°C



# TOTOKU

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TOTOKU has obtained the following certifications: the ISO 14001, an international standard for Environmental Management Systems, and the ISO 9001, an international standard for Quality Management Systems.