



**JST** *France*

THE QUALITY CONNECTION

**FLEX CONNECTORS RANGE**

# JST FFC/FPC CONNECTORS RANGE

## Definition:

An **FFC** (Flat Flexible Cable) / **FPC** (Flexible Printed Circuit) connector is a type of connector used to establish **electrical** connections between **printed circuits** and **flexible** cables.

They are often used in **compact electronic** devices, such as **smartphones, laptops** and other devices where **space is limited**.

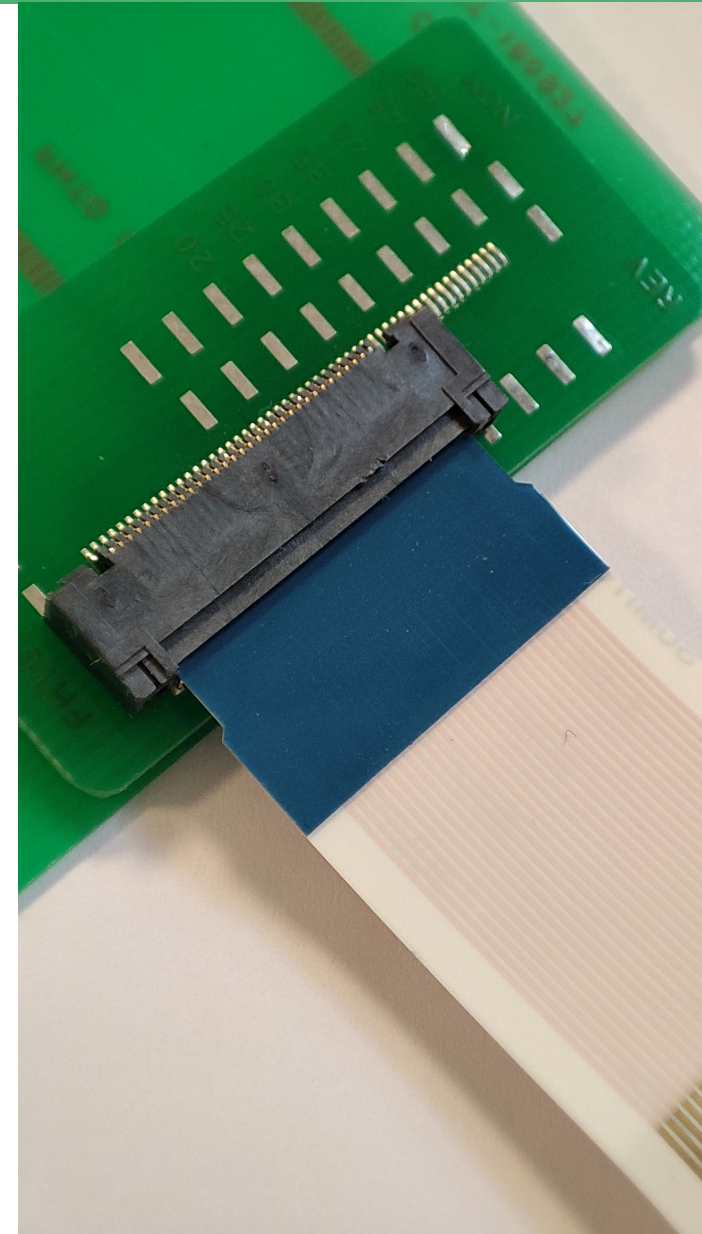
They enable a **thin, flexible** connection, making them ideal for applications where it is necessary to **bend** or **curve** the **cable**.

They generally come in the form of **flat strips**; designed to be inserted into a connector on a printed circuit board, ensuring a **secure connection** while **minimizing space requirements**.

## Applications :

- **Smartphones and tablets** : For connecting screens, cameras and other internal components.
- **Laptops** : Used for connections between motherboards and components such as keyboards, touchpads and displays.
- **Digital cameras** : For connecting various internal modules, such as image sensors and processing circuits.
- **Medical equipment** : Used in equipment such as monitors, ultrasound scanners and other portable devices.
- **Telecommunications equipment** : For internal connections in routers, switches and other network devices.
- **Consumer electronics** : Such as televisions, audio systems and game consoles.
- **Automotive** : In infotainment systems and other on-board electronic applications.

**These connectors are prized for their ability to fit into tight spaces while maintaining reliable connections.**



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## Advantages :

- **Flexibility:**

As the name suggests, these cables are **flexible**, allowing them to **fit** into **tight** spaces and be used in **compact designs**.

- **Light weight:**

**FFC/FPCs** are generally **lighter** than traditional cables, which is an asset for **wearable devices** and applications where **weight** is a **critical factor**.

- **Space-saving:**

Their **flat design saves space** in devices, making it easier to have a more **compact component layout** .

- **Durability:**

These cables are often designed to **withstand repeated bending cycles**, making them ideal for applications where **movement** is **constant**.

- **Ease of integration:**

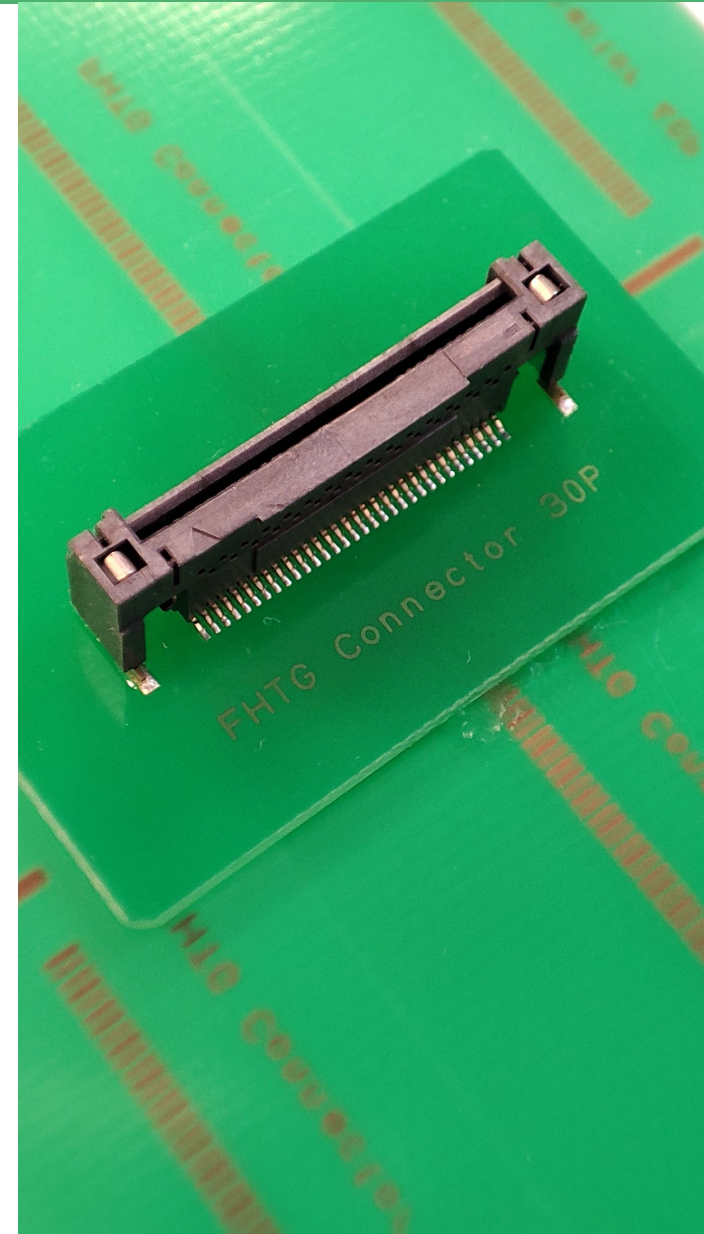
They can be **easily integrated** into printed circuit boards, simplifying the **manufacturing process**.

- **Reduced interference:**

**FPCs** can be designed to **minimize electromagnetic interference**, thus improving **signal performance**.

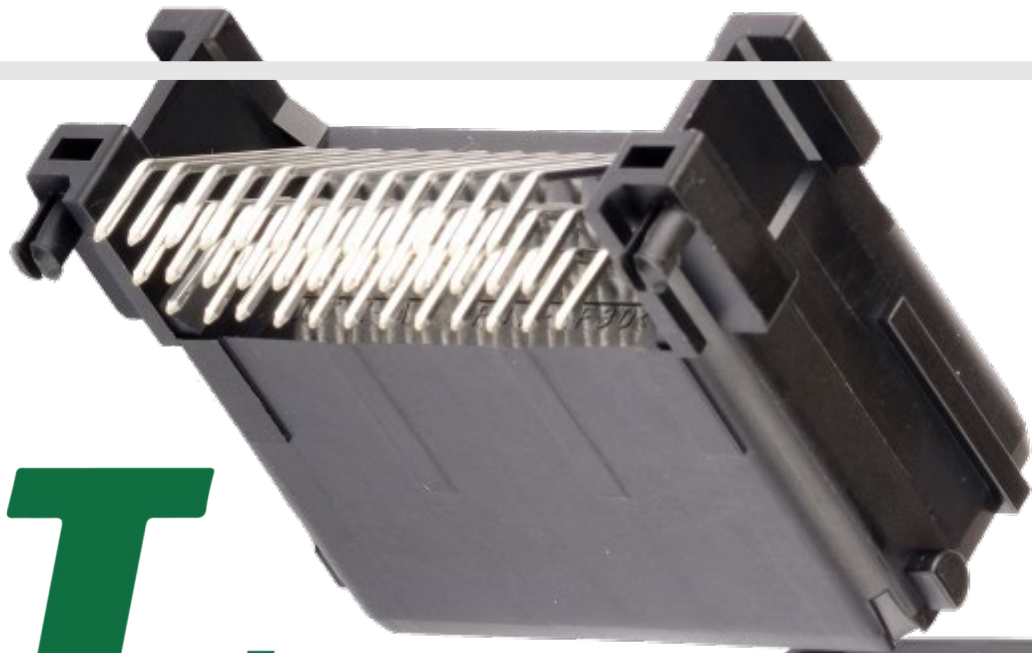
For more information, please contact us at [marketing@jst.fr](mailto:marketing@jst.fr)

Find our range of **FFC/FPC** connectors [online](#)









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THANK YOU

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