



PREMO-FLEX FFC JUMPERS >

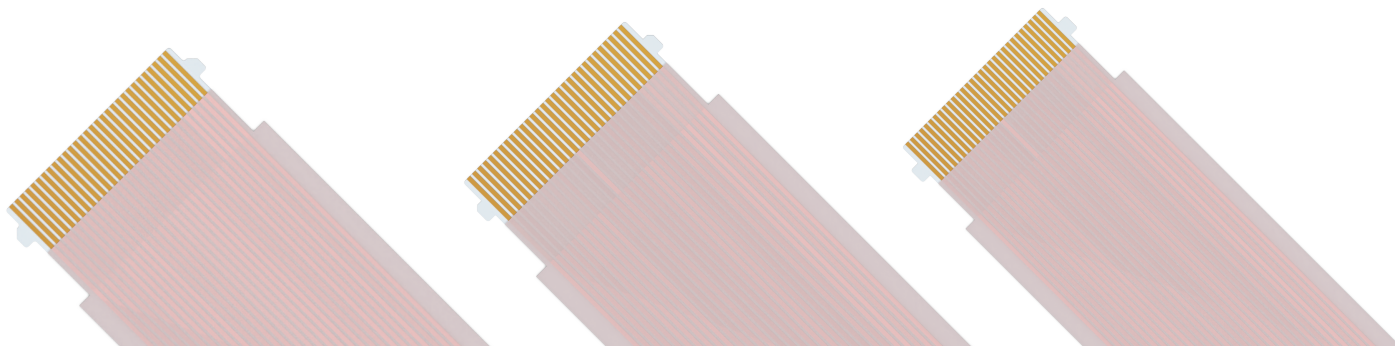
Intermateable with Hirose FH28, TF31 and FH52 Connectors

PRODUCT OVERVIEW

Premo-Flex Intermateable Flat-Flexible Cable (FFC) Jumpers provide customers using Hirose connectors with a robust, high-retention cable solution. Off-the-shelf FFC jumpers offer fast time to market and simplified design work, while an extensive range of custom options enables designers to meet application-specific requirements.

SOLVING INDUSTRY CHALLENGES

INDUSTRY CHALLENGE	PRODUCT SOLUTION
RELIABLE CONNECTIONS IN HARSH ENVIRONMENTS Designers need consistent connectivity in applications subject to high vibration, high shock and dynamic forces.	Premo-Flex FFC Jumpers offer secure connections using latching ears or notches, helping prevent unintentional disconnection in demanding applications.
VERSATILE AND CUSTOMIZABLE COMPATIBILITY Designers need FFC jumpers capable of meeting specific application needs, including varied connector types and operational requirements.	Premo-Flex FFC Jumpers compatible with Hirose connectors are now available, including off-the-shelf jumpers and custom options including folding, EMI shielding and various jumper lengths.



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FEATURES AND ADVANTAGES



ENABLES SECURE CONNECTIVITY IN HIGH-VIBRATION AND HIGH-SHOCK ENVIRONMENTS

Cables are available with notches or ears for robust latching to help prevent accidental disconnection



DELIVERS DESIGN FLEXIBILITY WITH INTERMATEABLE CONNECTOR OPTIONS

Premo-Flex FFC Jumpers intermateable with Hirose FH28, TF31, or FH52 zero-insertion force (ZIF) connectors are available



SUPPORTS USE IN A VARIETY OF APPLICATIONS

Product offerings include Gold-plated contacts and a wide range of cable lengths, current capacity and flex life cycle options for design flexibility



INCLUDES OFF-THE-SHELF OPTIONS FOR FASTER TIME TO MARKET

Off-the-shelf solutions are available to match customer performance and scheduling requirements

APPLICATION SPOTLIGHT

ENABLING RELIABLE OPERATION IN APPLICATIONS SUBJECT TO SHOCK AND VIBRATION

In consumer, medical and automotive devices subject to dynamic forces and vibration, maintaining constant connectivity is a challenge. Premo-Flex FFC Jumpers are designed to meet this challenge in a wide variety of demanding applications across multiple industries:

- | Vehicle infotainment systems
- | GPS devices
- | Handheld ultrasound devices
- | Medical monitoring devices
- | Automotive LCD displays
- | Virtual cockpits
- | Insulin pumps
- | Handheld gaming devices

ORDERING INFORMATION

Series	17328	17331	17352
Intermateable Connector	Hirose FH28	Hirose TF31	Hirose FH52
Pitch (mm)	0.50		
Current (A)	0.55		
Latch Type	Latching ears		
Plating	Gold		
Retention Force (N)*	≥ 28	≥ 15.3	≥ 15
Max. Voltage	60V AC		
Temperature	-40 to +105°C		

*According to connector specification; reference used 10 circuits

www.molex.com/en-us/products/cable-assemblies/flat-flexible-cables-ffc

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