



## PREMO-FLEX FFC JUMPERS >

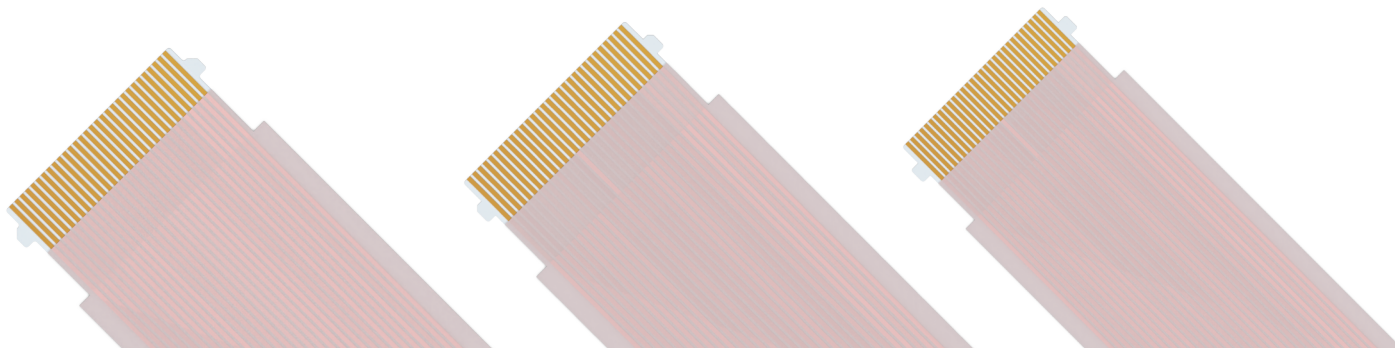
Intermateable with Hirose FH28, TF31 and FH52 Connectors

### 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
<p><b>RELIABLE CONNECTIONS IN HARSH ENVIRONMENTS</b> Designers need consistent connectivity in applications subject to high vibration, high shock and dynamic forces.</p>	<p>Premo-Flex FFC Jumpers offer secure connections using latching ears or notches, helping prevent unintentional disconnection in demanding applications.</p>
<p><b>VERSATILE AND CUSTOMIZABLE COMPATIBILITY</b> Designers need FFC jumpers capable of meeting specific application needs, including varied connector types and operational requirements.</p>	<p>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.</p>



# PREMO-FLEX FFC JUMPERS >

Intermateable with Hirose FH28, TF31 and FH52 Connectors

## 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](http://www.molex.com/en-us/products/cable-assemblies/flat-flexible-cables-ffc)

**molex**