

Applications



Measuring
Instruments



Radio Communication
Equipment



Data Transmission
Measurement



Millimeter Wave



COAX 2.4mm



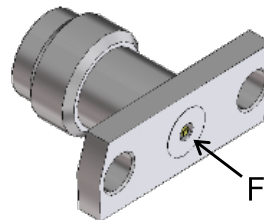
MIL Standard

Discover Hirose's 2.4mm Series, designed for high-frequency applications up to 50GHz.

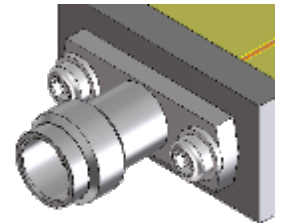
Compliant with IEC standards, these connectors offer secure screw mounting, flexible cable options, and RoHS2 compliance for reliable, efficient performance in demanding environments.

KEY FEATURES OF THE 2.4mm SERIES INCLUDE:

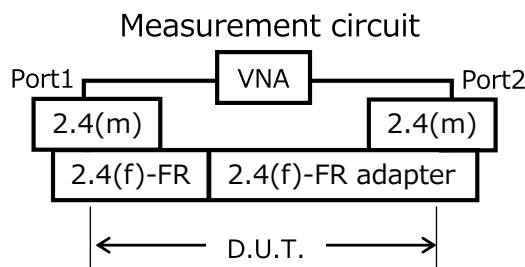
- Complies with IEC standard
- 2.4mm coaxial connector conforming to MIL-STD-348B Standard
- Supports up to 50GHz frequency
- Screw mounting
 - Provides excellent high frequency performance and consistent mounting quality.
 - Reduces mounting complexity (No soldering is required)
- Flexible PCB thickness
- 0.085 inch flexible cable applicable
- Terminator and attenuators also available
- RoHS compliant



Female contact
for 0.23mm(9mil) pin

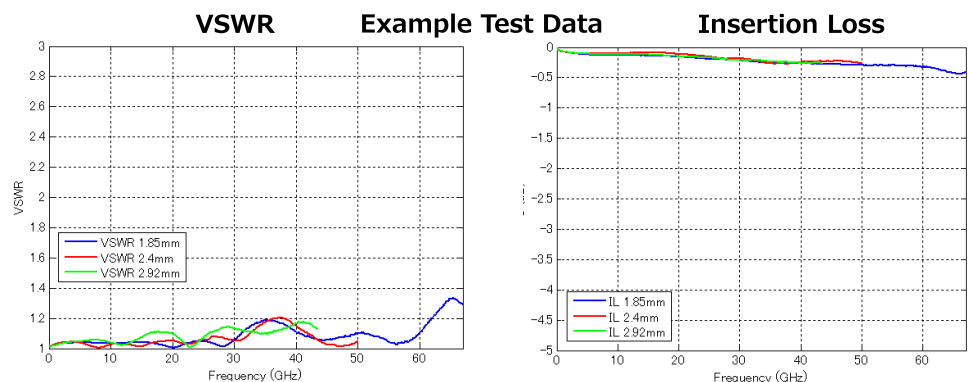


RF Performance



Back to Back Measurement

Receptacle H2.4-R-FR2(10.16)/H2.4-R-FR2(12.22)

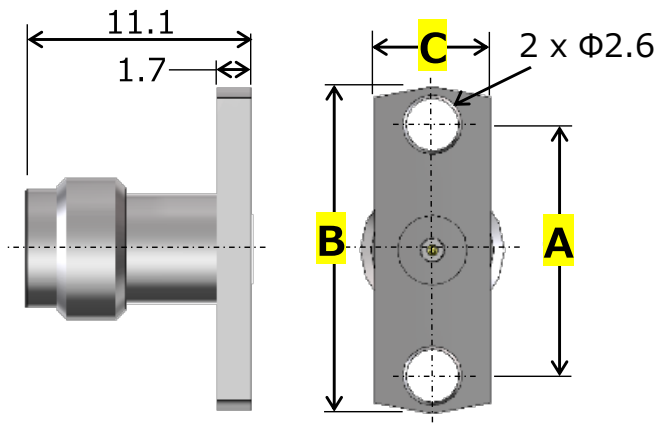


CLICK HERE
FOR MORE INFORMATION

CLICK HERE TO ORDER
SAMPLE NUMBER:
US-2.4MMKSAMPLE-24

Variations

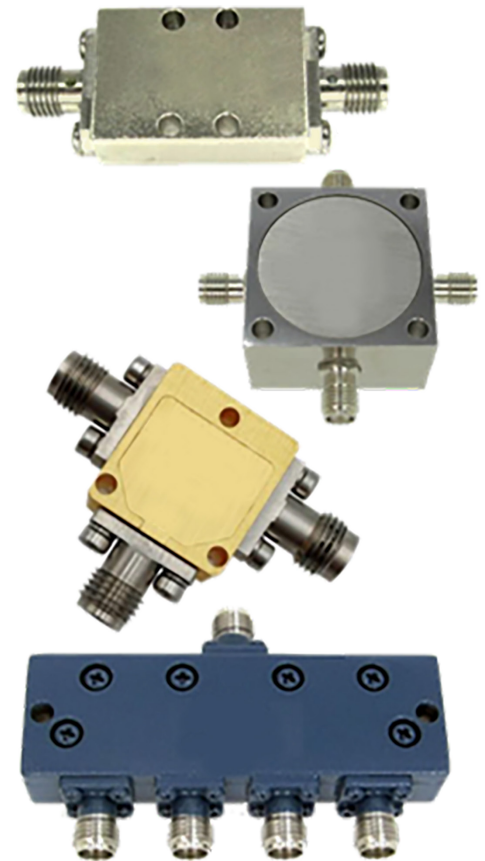
| | Frequency | VSWR | Temp |
|-----------------------|-------------|----------------|----------------|
| H2.4-R-FR2(**) | 0 to 50 GHz | 50GHz, 1.3 Max | -55°C to 125°C |



Flange Mounting Hole Spacing Options

| (**) | A (mm) | B (mm) | C (mm) |
|-------|--------|--------|--------|
| 12.22 | 12.22 | 15.9 | 5.65 |
| 10.16 | 10.16 | 14.0 | 4.85 |

Field Replaceable Connector Usage



Specifications

Material and Finish

| Component | | Material | Finish |
|-----------|--------|-------------------------|--------------------|
| Shell | | Stainless Steel / Brass | Passivate / Nickel |
| Insulator | | PEI | - |
| Contacts | Female | Beryllium Copper | Gold Plating |

Performance Characteristic

| | |
|--------------------------|-------------|
| Frequency | 0 to 50 GHz |
| Operating Temperature | 125°C |
| Characteristic Impedance | 50Ω |
| Mating Durability | 500 times |

- RoHS2 compliant



For additional information please visit:
www.hirose.com/en/product/series/2.4mm

Specifications herein are subject to change without notice.
 Contact Hirose for latest specifications, drawings, or availabilities.

STAY CONNECTED

