

Applications



Measuring
Instruments



Radio Communication
Equipment



Data Transmission
Measurement

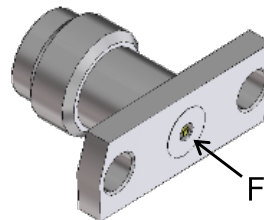


Discover Hirose's 2.4mm Series, designed for high-frequency applications up to 50GHz.

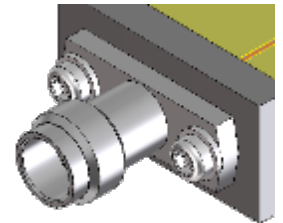
Compliant with MIL Standard, these connectors offer secure screw mounting, flexible cable options, and RoHS2 compliance for reliable, efficient performance in demanding environments.

KEY FEATURES OF THE 2.4mm SERIES INCLUDE:

- Complies with MIL 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 are also available
- RoHS2 compliant



Female contact
for 0.23mm(9mil) pin



RF Performance

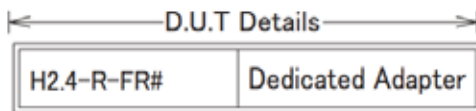
Receptacle H2.4-R-FR2(10.16)/H2.4-R-FR2(12.22)

V.S.W.R.

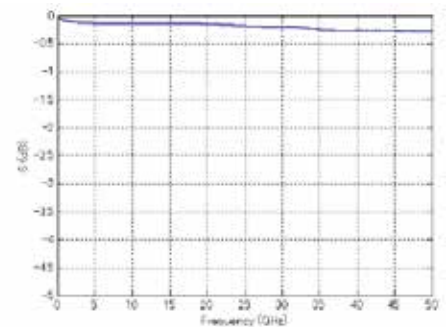
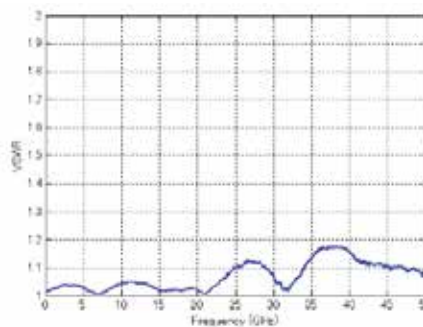
Example Test Data

Insertion Loss

H2.4-R-FR# Measurement System



Back to Back Measurement

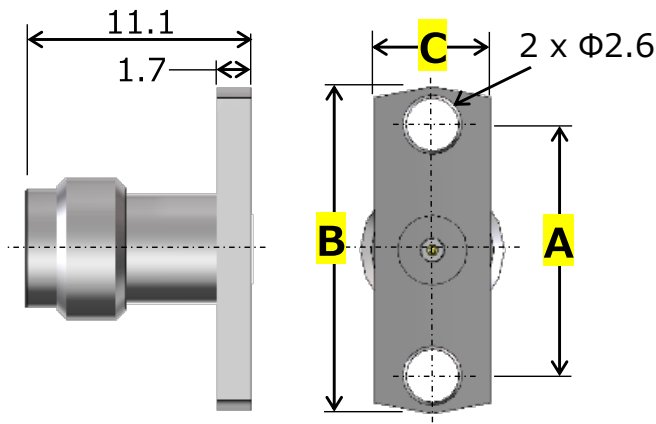


CLICK HERE
FOR MORE INFORMATION

SAMPLE REQUEST
info.hirose.com/request-sample

Variations

	Frequency	V.S.W.R.	Temp
H2.4-R-FR2(**)	0 to 50 GHz	50 GHz, 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	Passivated / Nickel Plating
Insulator		PEI / PTFE	-
Contacts	Female	Beryllium Copper	Gold Plating

Performance Characteristic

Frequency	0 to 50 GHz
Operating Temperature	-55 to +105°C (+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

