

Applications



Measuring
Instruments



Radio Communication
Equipment



Data Transmission
Measurement



Millimeter Wave



COAX 2.92mm



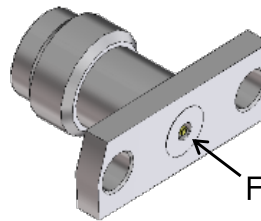
MIL Standard

Discover Hirose's 2.92mm Series, designed for high-frequency applications up to 43.5GHz .

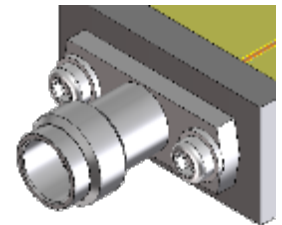
Compliant with IEC standards, these connectors offer secure screw mounting, flexible cable options, and RoHS2 compliance for reliable, efficient performance in demanding environments.

KEY FEATURES OF THE 2.92mm SERIES INCLUDE:

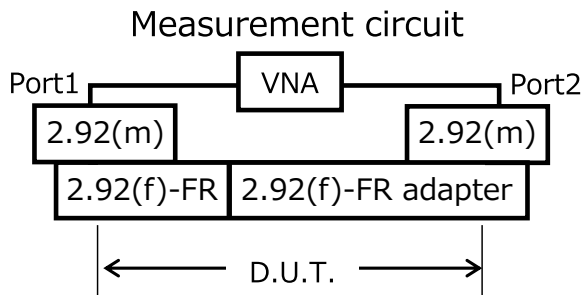
- Complies with IEC standard
- 2.92mm coaxial connector conforming to MIL-STD-348B Standard
- Supports up to 43.5GHz frequency
- Screw mounting
 - Provides excellent high frequency performance and consistent mounting quality.
 - Reduces mounting complexity (No soldering is required)
- RoHS compliant



Female contact
for 0.23mm(9mil) pin

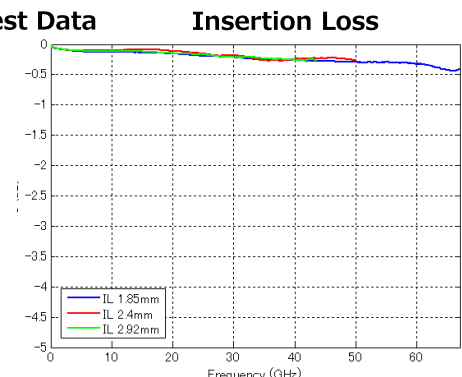
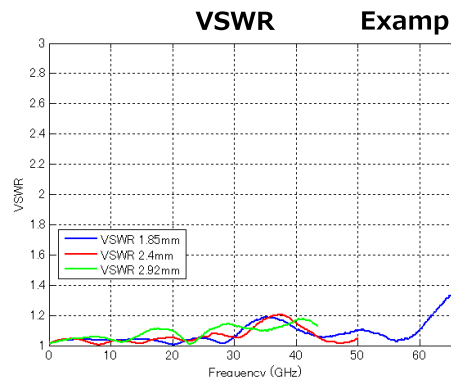


RF Performance



Back to Back Measurement

Receptacle HK-R-FR2(10.16)/HK-R-FR2(12.22)

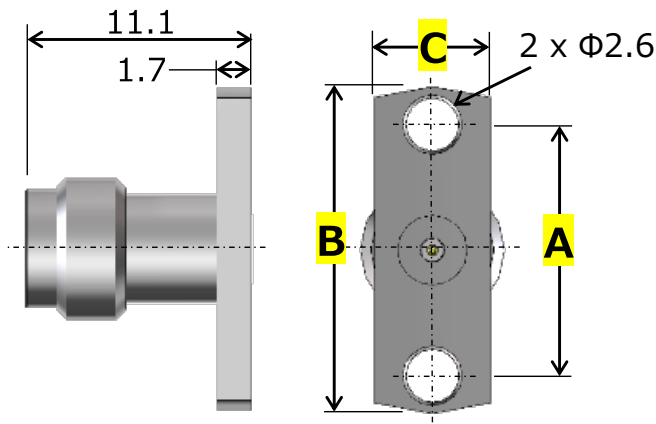


CLICK HERE
FOR MORE INFORMATION

CLICK HERE TO ORDER
SAMPLE NUMBER:
US-2.92MMKSAMPLE-24

Variations

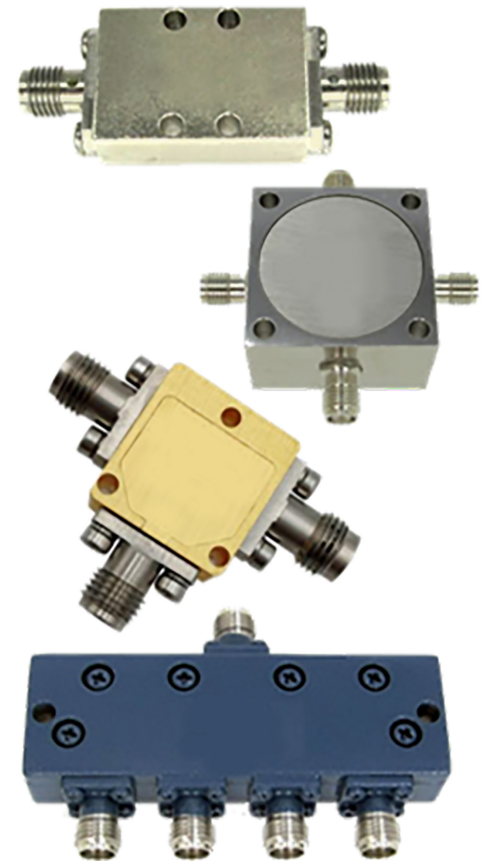
	Frequency	VSWR	Temp
HK-R-FR2(**)	0 to 43.5 GHz	43.5GHz, 1.3 Max	-55°C to 125°C



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 43GHz
Operating Temperature	125°C
Characteristic Impedance	50Ω
Mating Durability	500 times

- RoHS2 compliant



For additional information please visit:
www.hirose.com/en/product/series/2.92mm

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

STAY CONNECTED

