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***Designed for high-frequency applications up to 71 GHz, the millimeter wave coaxial connector family supports MIL-STD-348B RF module applications...***

### **HIROSE LAUNCHES MINIATURE MMWAVE FIELD REPLACEABLE COAXIAL CONNECTOR FAMILY**

DOWNERS GROVE, ILLINOIS – February 19, 2025 -- Hirose has expanded its compact coaxial connector offering with the introduction of three mmWave field replaceable solutions. Compliant with IEC 61169-32, MIL-STD-348B and RoHS2 standards, the new mmWave connector family offers secure screw mounting and flexible cable options to simplify design and assembly.

The compact field replaceable coaxial connectors feature a rugged design that ensures reliable and efficient performance in demanding environments. The connector family offers superior impedance matching against temperature change in a space- and weight-saving package.

Ideal for finished RF modules, measuring instrumentation, radio communication equipment and more, the new field replaceable coaxial product offering includes a 1.85 mm, 2.4 mm and 2.92 mm version.

The HV-R-FR2(\*\*) 1.85 mm coaxial connector provides high-frequency transmission up to 71 GHz with a return loss of only 16.5 dB minimum. VSWR values include:

- 50GHz, 1.3 Max
- 60GHz, 1.5 Max
- 67GHz, 1.8 Max

The H2.4-R-FR2(\*\*) 2.4 mm connector version supports up to 50 GHz. The VSWR value is:

- 50GHz, 1.3 Max

The HK-R-FR2(\*\*) 2.92 mm coaxial connector supports up to 43.5 GHz. The VSWR value is:

- 43.5GHz, 1.3 Max

“Based on customer requests, we have developed the field replaceable miniature mmWave coaxial connector family to help simply maintenance and minimize downtime in high frequency

applications,” said Pete Lais, Assistant Vice President of Product Management for Hirose Electric Americas. “Designed for finished RF modules, optical and electrical transmission equipment, electronic measuring instruments, other high frequency devices, the field replaceable mmWave connector product family combines a low-profile with excellent high-frequency performance.”

For additional information about the field replaceable mmWave connector product family, please visit: [https://www.hirose.com/en/product/series?category=RF-Coaxial\\_mmWave](https://www.hirose.com/en/product/series?category=RF-Coaxial_mmWave)

Watch video: [https://www.youtube.com/watch?v=he\\_VvpjI14](https://www.youtube.com/watch?v=he_VvpjI14)

For more information about Hirose, visit [www.hirose.com/us](http://www.hirose.com/us)

## **ABOUT HIROSE ELECTRIC**

Hirose Electric Co., Ltd. is a leading global supplier of innovative interconnects, with sales of over \$1.5 billion to customers worldwide. Hirose employs advanced engineering services, superior customer support and worldwide manufacturing capabilities to provide value-based connector solutions for various industries including industrial, telecommunication, consumer electronics, computer and automotive. More information can be found on Hirose Electric's corporate website at [www.hirose.com](http://www.hirose.com).