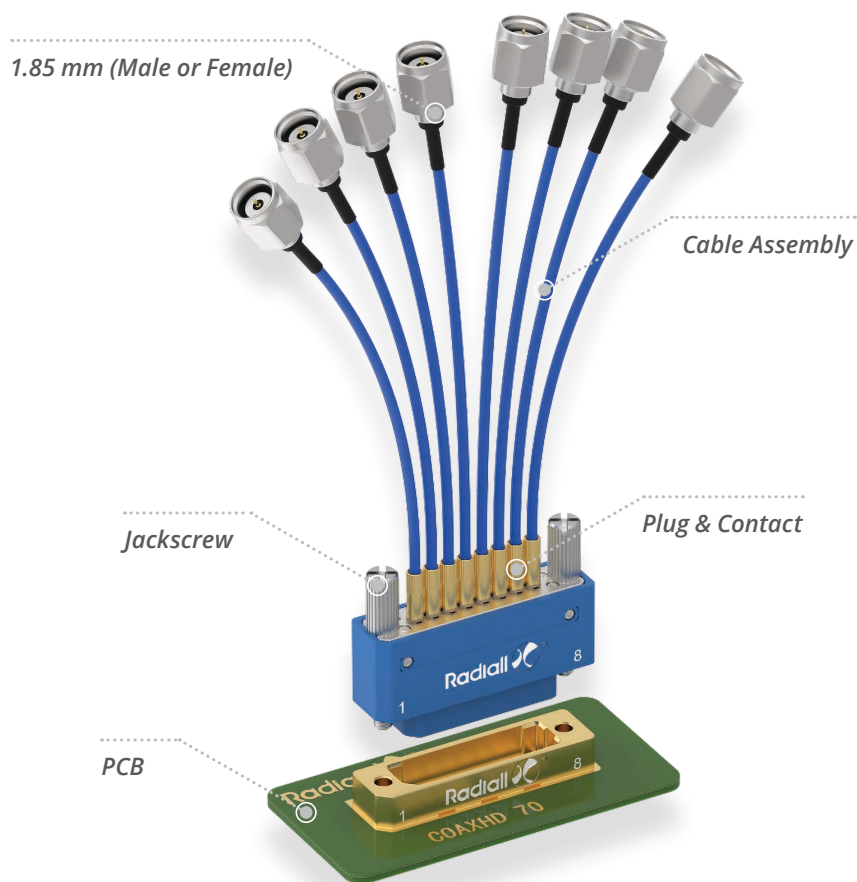
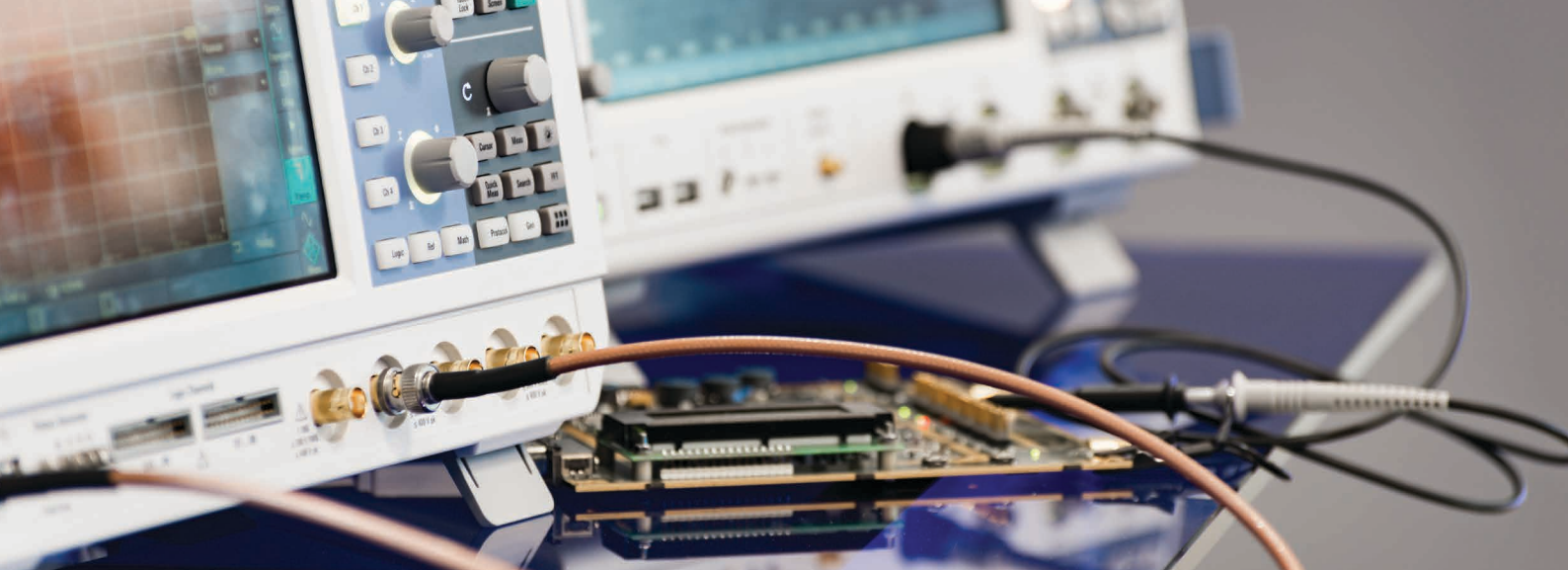




COAXHD70

*High Density Solution with Exceptional
Durability and Reliable Multi-Port
Capabilities*



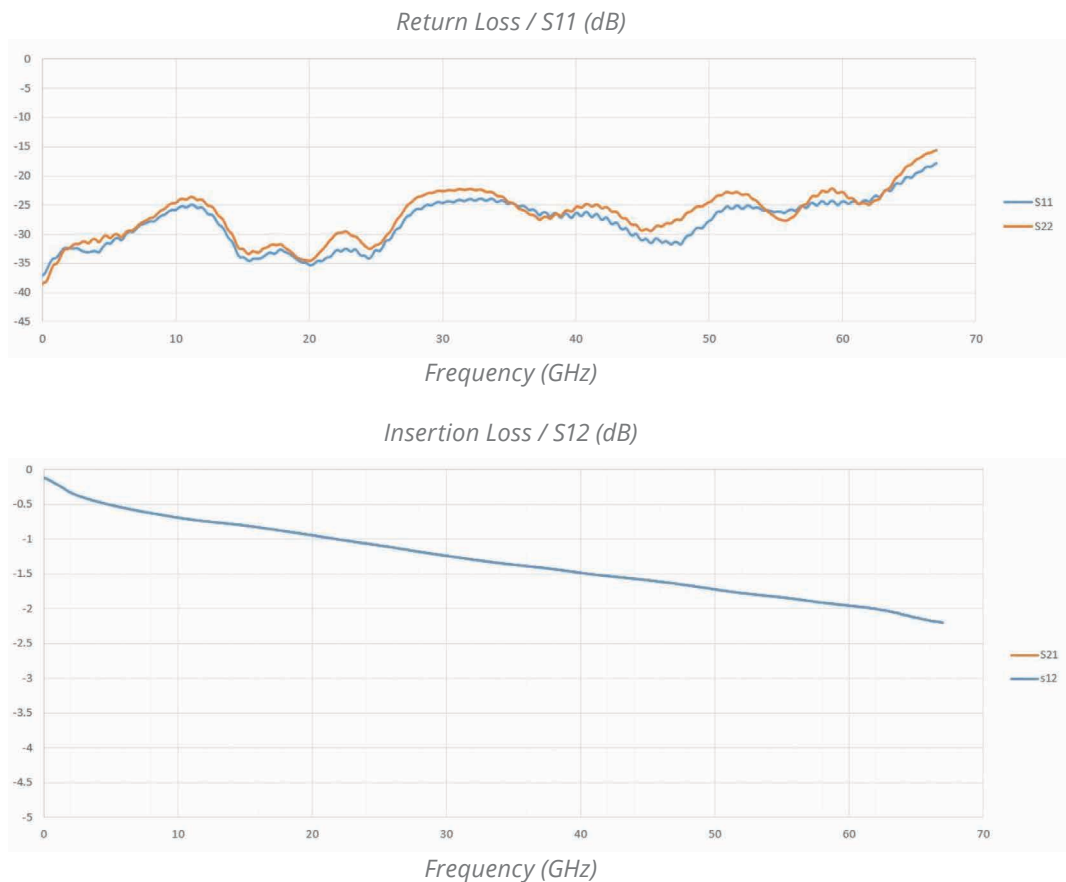


FEATURES & BENEFITS

KEY FEATURES

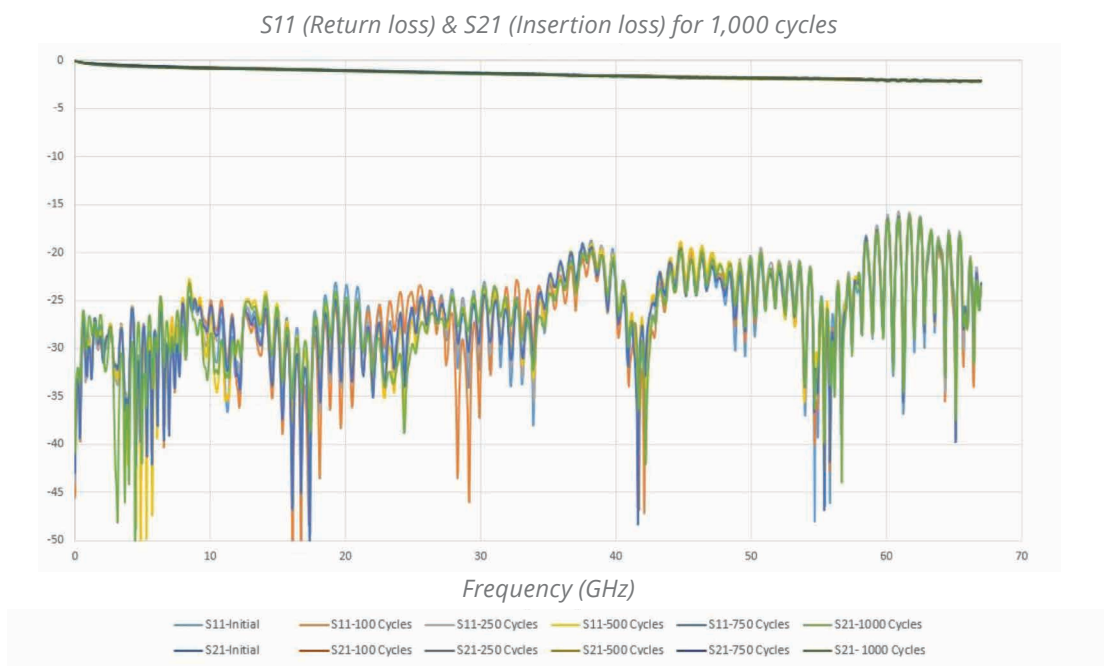
- Frequency Range: DC to 70 GHz, supporting data rates up to 224 Gbps
- Surface-Mount Technology (SMT) receptacle for PCB mounting
- 8 coaxial contacts with a 3.0 mm pitch
- Solderless, spring-loaded inner and outer coaxial contacts
- Secure plug-to-receptacle connection with two jackscrew locks
- Retention clip keeps each contact securely in place inside the housing, providing stability and reliability
- Allows for individual line replacement
- Available in standard lengths of 152 mm and 305 mm, with custom lengths available
- Tool-free installation for ease of use

RF PERFORMANCE



Typical return loss and insertion loss for single channel of a 152 mm cable assembly (test with adapter).

REPEATABILITY

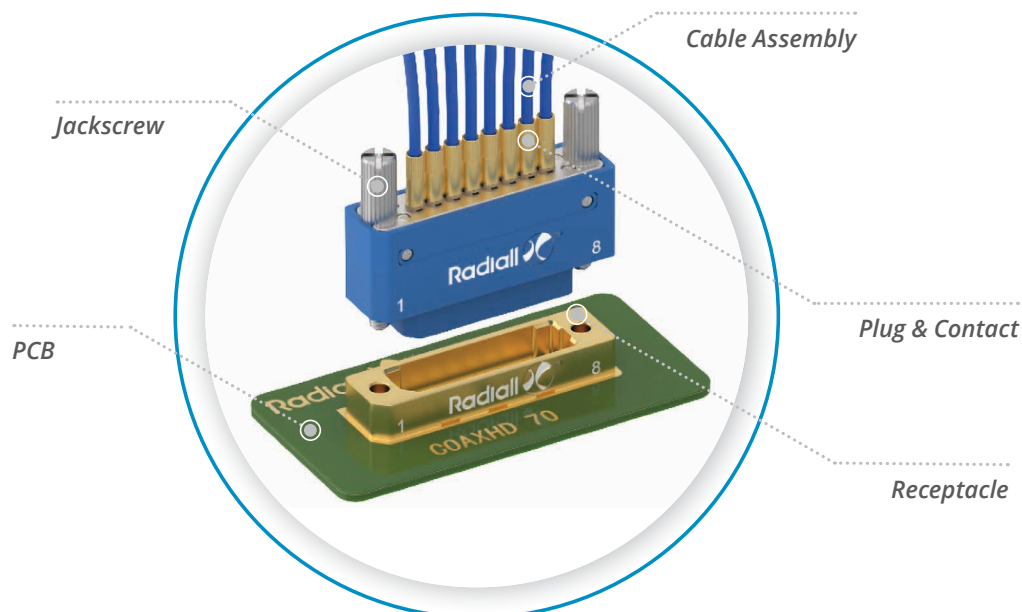


RF PERFORMANCE (INITIAL/100/250/500/750/1,000 CYCLES)

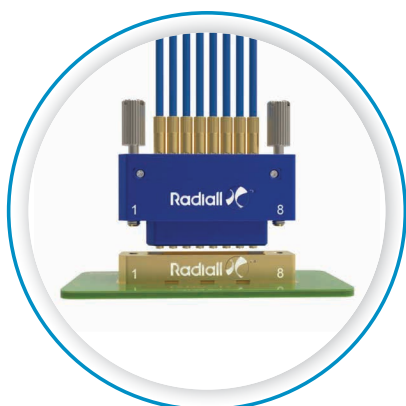
(Test with auxiliary testing cable assembly with S21 De-Embedded the product only)

An 8 channel 152 mm CoaxHD cable assembly (product) tested with an 8 channel 120 mm auxiliary testing cable assembly.

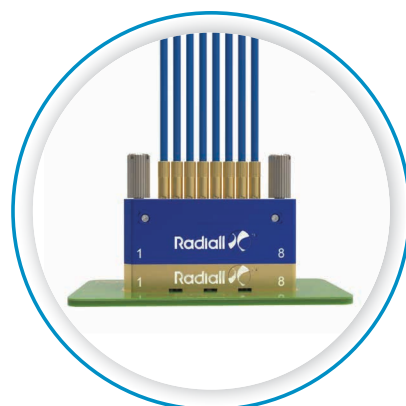
INSTALLATION INSTRUCTIONS



1. Solder the receptacle to PCB.



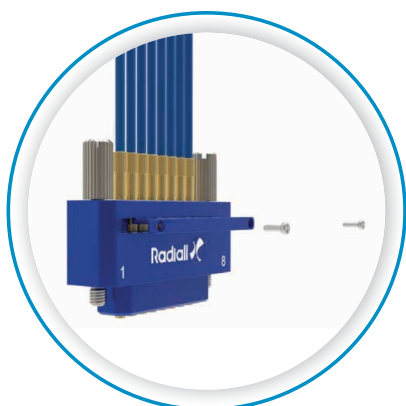
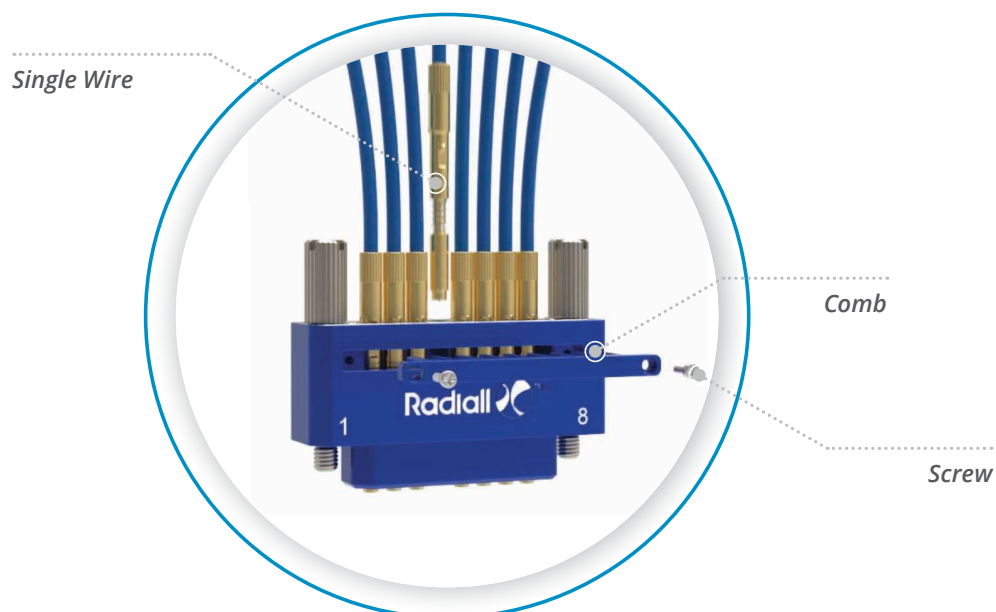
2. Insert the CoaxHD70 cable assembly into CoaxHD70 receptacle.



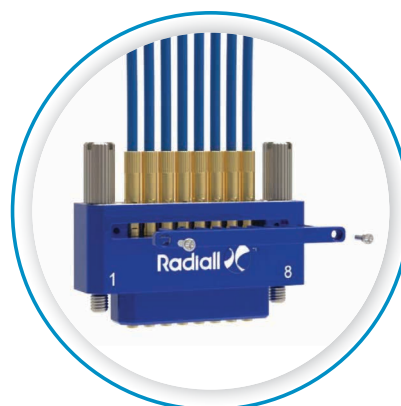
3. Tighten jackscrews on the CoaxHD70 cable assembly with hands to finish the connection.



REPLACEMENT INSTRUCTIONS



1. Untighten the two screws, and take out the comb.



2. Rotate the single wire contact needing to be modified by 90°.



3. Out the single wire from the housing.



4. Reinstall the single wire by following step 3 → step 2 → step 1.

SIMPLIFICATION is our INNOVATION

We advance the design and engineering process for innovators, groundbreakers and pioneers of technology. We reduce weight, improve durability and streamline installation to provide leading-edge connectors that drive product performance.

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