RF Industries

CONNECTING THE NEXT GENERATION

RFI

Rely on a proven and approved partner for cable assemblies

Don't compromise on connectivity

RFI designs and manufactures RF, fiber and copper cable assemblies to support any deployment and meet the most specific performance requirements. With our large portfolio and full customization capabilities, we can deliver exactly what you need. We custom-cut jumpers to the inch, and we build custom jumper assemblies to meet your precise specifications. We can combine jumpers and connectors to meet any requirements, from flexibility, electric performance and fire retardance to low PIM and low loss.

30+ Years Experience   **Complete Passive BOM**   **Total-Solution Provider**

Why Choose RF Industries

Fabricated in the USA

—

Our assemblies are fabricated in state-of-the-art facilities on both coasts using in-stock components for quick turn-around time. For added flexibility, we offer custom kitting solutions to your exact configuration.

Complete Customization

—

We're happy to provide cables to the exact length you need. Need customized labels? We can add serialized numbers, color coding or your logo. Do you require customized PIM and Sweep testing? No problem...we can help!

Exceptional Performance

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Superior electrical and mechanical performance, including PIM up to -160dBc, along with consistent & guaranteed specifications give our customers the confidence they need for higher reliability and lower TCO.

Rigorous Testing Standards

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RFI maintains the latest ISO 9001 certifications in every facility. We also comply with global regulations. All of our assemblies are fully tested for quality and performance. Standard testing includes both dynamic and static PIM tests.

CORNING CAH Connections℠ Gold Program

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RFI

Guaranteed Expertise Every Step of the Way

Our team is focused on quality every step of the way from R&D to network testing and everywhere in between. RFI solutions are designed, built and tested using the latest technologies, advanced systems and specialized manufacturing techniques. PIM testing on the full DC to 6 GHz frequency range confirms performance is maintained as system requirements evolve.

- **3rd Intermodulation Test: Two +43dBm carriers**
- **IM3 4.3-10 (only): ≤-160dBc@ 700MHz or 1900Mhz**
- **IM3 (all others): ≤-155dBc@ 700MHz or 1900Mhz**
- **IM3 tested to custom performances by request**

Trust Us to Take Care of the Details

Standard Label Contents
- PIM tested value
- Serial number for traceability and verification

PIM Performance Testing
- RFI uses Kaelus equipment for our testing process

A sample of our PIM Testing Capabilities
- 700L – available on the PIM Tracker
- 700H – available on the PIM Tracker
- PCS – available on the PIM Tracker
- 700L+700H – temporary cloud link; on PIM Tracker soon
- 700L+PCS – temporary cloud link; on PIM Tracker soon
- 700H+PCS – temporary cloud link; on PIM Tracker soon
- PCS & AWS – temporary cloud link; on PIM Tracker soon
- 700H + AWS – temporary cloud link; on PIM Tracker soon
- 700L+ AWS – temporary cloud link; on PIM Tracker soon
- 700L + 700H + AWS – temporary cloud link; on PIM Tracker soon
- 700L + 700H + PCS – temporary cloud link; on PIM Tracker soon
- 700L + 700H + AWS + PCS – Thumb drive/temporary cloud link

Quality and Production Standards Compliance
- ISO 9001:2015
- IPC/WHMA-A-620E

Cable Assembly Process
- Precision-Regulated Induction Solder Equipment
- Automated High-Quality Cable Trimming Tools

Testing and Quality Assurance
- 100% Static and Dynamic PIM Testing
  Online results via PIM Tracker™
- 100% Sweep Testing for S11 & S21 Parameters
  Guarantees high electrical performance satisfaction

Custom Testing
Test results can be provided in multiple ways:
- Printed or emailed
- Uploaded to Dropbox or flash drive

Custom Labels on Assembly or Packaging
Custom labels can be provided on the assembly or packaging:
- Serialized numbers or test results
- Company logo
- Color coding or customized text

Kitting
Outsourced add-ons include:
- Hoisting grips
- Metal caps
- Non-RFI connectors

Other customizations:
Bundled cable assemblies
- Mesh sleeves or cable ties
Custom tolerance
- When the overall assembly length requires more precision

Use our online PIM Tracker™ to instantly verify cable performance

PIM Tracker makes it easy to see the latest PIM test data for our coaxial cable and jumper assemblies, from anywhere, at any time.

Simply go to our PIM Tracker web page and enter the serial number on the cable jacket. We'll take you right to the test results for the cable so you can view and download the test parameters used and verify the PIM performance meets your requirements.

To go to the PIM Tracker web page:

PIM Tracker™
Serial Number

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