



Verify your RF Industries low PIM cables with **PIMtracker™** Verification System

All low PIM cable assemblies manufactured by RF Industries are tested to certify they meet or exceed the advertised specifications. The PIM value is printed on the cable assembly along with a serial number. For verification, a complete PIM performance chart is available for download by entering the cable serial number in **PIMtracker™** Verification System on the RF Industries web site.



3 Easy Steps

1. Go to www.rfindustries.com and select PIM Tracker from the dropdown menu.

2. Enter the serial number from your cable assembly.



3. View or print a copy of the test results of your cable.



Shortcut to RF Industries PIM Tracker



Low PIM Connectors for Plenum Rated, Low PIM Times Microwave Cable

RF Industries now offers high performance 4.1-9.5 (Mini) DIN male connectors for termination of Times Microwave SPP-250-LLPL™ and TFT-402-LF™ cable.*

Contact Joe Horsky at RF Industries for more information.

**NOTE: Due to the precise nature of the soldering of the inner and outer conductors to achieve low PIM specifications, RF Industries cannot guarantee PIM performance on the finished assemblies when connectors are field installed. If you need guaranteed PIM performance, we strongly recommend factory installed assemblies made to your specifications.*

For SPP-250-LLPL™



4.1-9.5 (Mini) DIN Male
RFD-4195-HPL

For TFT-402-LF™



4.1-9.5 (Mini) DIN Male
RFD-4195-SR2FL



N Male
RFN-1002-HPL



N Male
RFN-1002-SR2FL

SPP-250-LLPL is a registered trademark of Times Microwave Systems. RFT-402-LF is a trademark of Times Microwave Systems.

Obsolete Connector? Don't let that stop you!

Are you looking for ways to economize your business? One way is to extend the life of expensive electronic equipment. Sometimes replacement parts are no longer available, but this need not stop you. Aviel Electronics has the design and manufacturing expertise to recreate any part, often without non-recurring engineering fees. They have been providing custom RF/microwave connectors, adapters and cable assemblies for military, aerospace and industrial applications for over 50 years. Orders filled from 1 piece to 1 million.

Contact Hanh Luong for a consultation at (877) 805-7381 or aviel@rfindustries.com.

Obsolete part replacement

Custom design

No order too small or too large

Over 50 years experience

Problem solving for special requirements



What was the cost of the first cross-country phone call in 1915?

Trivia Answer

What was the cost of the first cross-country phone call?

\$20.70 (\$485 in 2015 dollars) for a 3 minute call. Service was initiated by AT&T January 25, 1915 with a call from New York to San Francisco between Alexander Graham Bell and his assistant Thomas Watson. This was 39 years after their first phone call. It took 10 minutes to initiate the 3,400 mile call.



Plenum Fire-Retardant Cable Assemblies Comply with Building Construction Safety requirements



Belden RG-142 Plenum Cable (83242):

- UL/NEC rated CMP/FT6
- MIL-DTL-17, M17/158-00001
- Brown-tinted FEP jacket
- Highly flexible
- High temperature
- Operating frequency: up to 8000 MHz



Times LLPL cable:

- UL/NEC/CSA rated CMP/FT6
- Highly flexible and bendable
- Low loss
- Operating frequency: up to 5800 MHz
- Sizes from .2 to .6 inch

RF Connectors division of RF Industries fabricates plenum rated coaxial cable assemblies, ideal for any wireless application requiring an easily routed, low loss RF cable assembly for in-building DAS. Available in custom configurations, lengths and connectors.

QMA Cable Assembly with Verifiable Low PIM Performance for DAS Applications

LTE networks in Distributed Antenna Systems (DAS) are more sensitive to interference caused by Passive InterModulation (PIM). Decreased system performance is the result. Traditional cable assemblies with standard QMA connectors may be a source of PIM. RF Industries cable assemblies use Times Microwave TFT-402-LF™ plenum rated, low loss, low PIM flexible cable. All low PIM cable assemblies manufactured by RF Industries are tested to certify they meet or exceed the advertised specifications. The PIM (IM3) value is printed on the cable assembly along with a serial number. For verification, a complete PIM (IM3) performance chart is available for download by entering the cable serial number using **PIMtracker™** Verification System on the RF Industries website.

- Available with QMA male straight or right angle connectors
- Excellent electrical performance up to 3 GHz
- Meet UL910 fire requirements
- PIM performance is less than -140dBc using 2 tones at 20 watts
- Premium QMA straight assemblies available with less than -155dBc PIM performance
- Available in standard 1 and 2 meter lengths and custom lengths
- SMA, N, 7-16 DIN and 4.1-9.5 (Mini) DIN terminations available
- Assembled in the U.S. for quick delivery

PIMtracker™ Verification System



QMA Male to SMA Female Adapter



Part Number: RQA-5405

Low PIM: ≤ -140 dBc (@ 43 dBm)
 ≤ -155 dBc (@ 33 dBm)

Operating Frequency: up to 6 GHz
Non-magnetic

Non-tarnish white bronze (tri-metal) plating



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RF Industries Acquires Comnet Telecom Supply, Inc.

On January 21, RF Industries acquired Comnet Telecom Supply of East Brunswick, New Jersey. Comnet manufactures standard and custom equipment and cabling products used by telecommunications carriers, co-location center operators and other telecommunications and data center companies in the United States. Products include fiber optic cable, copper cabling, custom patch cord assemblies, transceivers/converters and other data center equipment (including server cabinets and network racks). The Company's fiber optic products are manufactured in compliance with Corning Gold Certified standards at its facilities in East Brunswick, New Jersey.



<http://comnetsupply.com/>
(800) 603-7824

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INSIDE **RF** INDUSTRIES

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or for a distributor near you.

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IWCE
Booth #648
March 18-19, Las Vegas



DAS & Small Cells Congress
June 8-9, New Orleans