



INSIDE RF INDUSTRIES

A Letter of News and New Products — 2009, Issue 2

Broad Selection for LMR[®]-400 Available

Here's the latest addition to the family!

THE RF CONNECTORS DIVISION OF RF INDUSTRIES OFFERS ONE OF THE WIDEST SELECTIONS of N type connectors for .400 inch diameter high performance cables in North America. Our latest addition is an improved N male connector, part number RFN-1006-I-WB, that features white bronze plating for a non-tarnish finish with enhanced electrical performance. The plating is ferrous metal free, reducing inter-modulation interference. A ridged back end provides better sealing for the heat shrink boot included with the connector. A combination hex/knurl coupling nut enables wrench or finger tightening. The RFN-1006-I-WB may be attached to multiple brands of high performance cables. The connector is assembled with industry standard crimp tools having .429 inch and .118 inch hex dies. The contact is designed with a "weep hole" for optional solder installation.

LMR is a registered trademark of Time Microwave Systems.



RF Connectors brand connectors are available through RF Industries or through fine distributors throughout North America.



RFN-1006-I-WB



The RFN-1006-I-WB was named as one of the "101 Top Components" for 2008 by Electronic Design magazine.

Our N Connectors for LMR-400 Type Cable

Plug

- Silver-plated clamp (RFN-1002-1SI)
- Silver-plated crimp (RFN-1006-3I)
- Reverse polarity crimp (RP-1006-3I)
- 2-piece crimp (RFN-1006-8I)
- 2-pc. knurl & hex shell crimp (RFN-1006-9I)
- Nickel-plated crimp (RFN-1006-I)
- White bronze crimp (RFN-1006-I-WB)
- Silver-plated R/A crimp (RFN-1009-3I)
- White bronze R/A crimp (RFN-1009-I)

Jack

- Silver-plated clamp (RFN-1024-1SI)
- Nickel-plated crimp (RFN-1028-I)
- Silver-plated crimp (RFN-1028-SI)
- Reverse polarity crimp (RP-1028-SI)

Compatible with These Cable Brands

- Times Microwave
 - Andrew
 - Belden
- CommScope
- Cushcraft
- Harbour

and many others...

Our Complete N Connector Installation Kit, RFA-4511-10, includes 25 pieces of the RFN-1006-I-WB.



This is only one variation of the kit. It is also available with 9 other N type connectors.



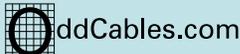
CONNECTING THE WORLD.



**Colorful Networking Cables
Keep You Organized**

CAT 5 CABLES ARE ESSENTIAL FOR COMPUTER NETWORKING. OddCables.com carries a variety of cable and boot colors in stock, ready to ship. In addition, OddCables.com offers the RF Connectors brand tester, part number RFA-4218-20, for Cat 5 and Cat 5e cables. This light, compact unit is used to test straight and crossover RJ-45 UTP, STP, EIA/10Base-T, 100Base-T, EIA/TIA 568A/568B, FDDI, ATM, TP-PMD and Token Ring cables. The LED display is powered by a 9v battery and clearly indicates shorts, open wires, reversed pairs, crossed pairs and mis-wires.

Contact OddCables at (888) 265-2941 or visit www.OddCables.com for more information.



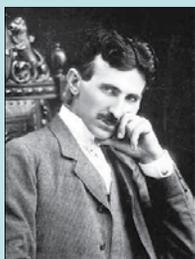
**Correct Connection Reinforced with
Molded Snap Leads**

THOUGH COLOR CODING IS THE PRIMARY MEANS OF IDENTIFYING SNAP LEADS, molded initials on the snaps are an additional way of verifying correct attachment. The easy-to-read letters C,RL,LL,RA,LA reinforce identification. Bioconnect, a U.S. manufacturer of products for the Medical and OEM marketplace, offers, as a custom application, injection molding in positive relief on its 3- and 5-lead shielded or unshielded snap assemblies. Santoprene® and vinyl are available in any color and can be coordinated with our standard 3- and 5-lead cables. Assemblies are sold in singles, sets, packs of 10 singles, packages of 5 and 10 sets and bundles of 100 singles.



Santoprene is a registered trademark of Advanced Elastomer Systems.

ANSWER: Nikola Tesla



"As soon as [the Wardenclyffe plant is] completed, it will be possible for a business man in New York to dictate instructions, and have them instantly appear in type at his office in London or elsewhere. He will be able to call up, from his desk, and talk to any telephone subscriber on the globe, without any change whatever in the existing equipment. An inexpensive instrument, not bigger than a watch, will enable its bearer to hear anywhere, on sea or land, music or song, the speech of

a political leader, the address of an eminent man of science, or the sermon of an eloquent clergyman, delivered in some other place, however distant. In the same manner any picture, character, drawing, or print can be transferred from one to another place. . . ."

— Nikola Tesla, 1893

www.frank.germano.com/tunguska.htm

Go to the above website to read about the possible controversial connection between Tesla and the Tunguska explosion in 1908.

RF INDUSTRIES: In the News



RF Industries was designated as one of FORTUNE SMALL BUSINESS magazine's "100 Hottest Small Cap Companies" in the U.S.



Electronic Design magazine named RF Connectors brand N Male with Hex Shell (RFN-1006-I-WB) to its list of "101 Top Components" for 2008.



The San Diego Business Journal listed RF Industries as #9 on their list of largest Telecoms in San Diego.

INSIDE RF INDUSTRIES

Published Quarterly — Linda Heida, Editor.

Please contact us for more information on any product or service.

SEE US AT THE SHOW

APCO — Aug. 16-20, RadioMobile, Las Vegas, Booth #1728

IACP — Oct. 3-7, Radio Mobile, Denver, Booth #1712

MD&M — Oct. 21-22 Bioconnect, Minneapolis, Booth #754

RadioMobile Becomes Turn-key Authority for Mobile Data Management

Terry Owens, Senior Product and Systems Sales



RADIOMOBILE UNVEILED ITS NEW STATUS AS A TURN-KEY AUTHORITY in the public safety communications arena at this year's APCO (Association of Public-Safety Communications Officials) Expo held in Las Vegas, August 16-19. The APCO tradeshow is the premier show for public safety communications professionals and draws thousands of attendees from all over the world.

RadioMobile's computer aided dispatch, mobile and mapping software, mobile data hardware, and network management solutions were compared side-by-side to the major competition at this year's Expo. What set our exhibit apart from our competition was that all three of our product areas (hardware, software, and networking) are home grown, where other companies only specialize in one or two areas.

RadioMobile is a provider of affordable end-to-end mobile wireless network solutions for public safety, emergency medical, transportation and industrial customers.

Only RadioMobile has the expertise and flexibility to not only provide a total solution, but also guide the customer through the entire process from concept through system-go-live date and beyond. Many public safety agencies hire a consultant to facilitate the process from the beginning to design the system and protect the interests of the agency during the process. However, this might not be financially feasible in many cases. RadioMobile goes to great lengths to not only provide a superior product in a timely manner, but to listen to and respond to any concerns that the customer may have. This puts us ahead of the competition.

The diverse and seasoned experience of the RadioMobile team ensures that customers receive the benefit of a deep knowledge base, which becomes part of your team. Only this combination of attributes enables RadioMobile to deliver solutions that exceed your expectations.

RadioMobile

RF CABLE ASSEMBLY



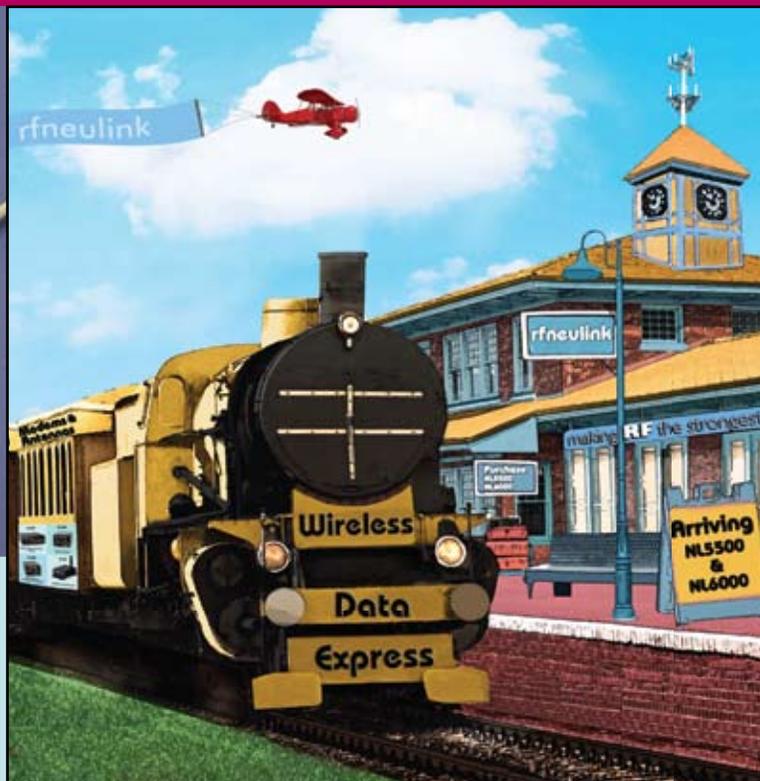
Semi-Rigid Coax Cable Assemblies Work for Critical Applications

FOR CRITICAL APPLICATIONS OF HIGHER FREQUENCY, IMPROVED PERFORMANCE AND OR MORE STABLE OPERATION, semi rigid cable assemblies are used. RF Cable Assembly division produces a variety of semi-rigid assemblies. Assemblies using .047, .085, .141 and .250 diameter cable can be manufactured to customer length requirements. Solid and conformable cable can be specified. Available connectors include 2.9mm, 7-16 DIN, N type, and SMA. Interfaces include male for all cables, with female and bulkhead female available for selected cables. All cables are tested for electrical continuity with additional testing services available.



Email: rfi@rfindustries.com

RF NEULINK



Stay on Track VHF/UHF Radio Modems



www.rfneulink.com



800-233-1728

rfneulink
making RF the strongest link
A Division of RF Industries

Web: www.rfindustries.com

Custom Blind Mate Coaxial Connector/Adapter Mitigates Mechanical Miss-alignment

BLIND MATE CONNECTORS SIMPLIFY RF SIGNAL INTERFACE between devices or units that may not be in linear alignment. Standard blind mate connectors are available from several manufactures, but some applications with diverse mechanical or electrical properties require a custom design.

Aviel Electronics, a division of RF Industries, offers custom blind mate connectors for specific applications. General design features include a non-threaded push-on connector interface for touchless mating. One end of the pair provides a floating, spring-mounted body that moves independent of the flange mount to ensure reliable electrical contact, even with some mechanical misalignment. The blind mate pair shown offers good electrical performance up to 4Ghz with bodies manufactured from stainless steel and female contacts from beryllium copper.

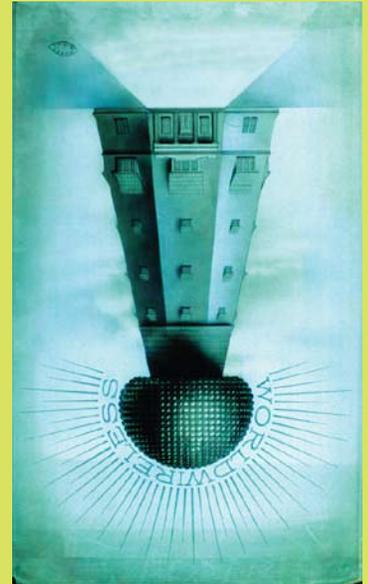
Aviel can design and fabricate custom blind mate connectors up to 40Ghz using a variety of materials and mechanical mounting techniques.



Call (877) 805-7381 toll free for more information or to discuss your custom interconnect applications.



Find answer inside.



Who predicted wireless electric transmission over 100 years ago?



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