



RF
INDUSTRIES

INSIDE RF INDUSTRIES

A Quarterly Letter of News and New Products — Winter 2006

RF Cable Assemblies

from the people you trust to provide your RF connectors



RF Cable Assembly **RF connectors**
Divisions of RF Industries

RF

Cable Assembly, Division of RF Industries, offers a wide variety of cable assembly solutions with over 100,000 combinations available.

VARIETY

- Cables from 1.13mm to .600 inches
- Flexible, semi-rigid, conformable cables
- Standard, mil-spec, low-loss, plenum, fire-retardant cables
- Connectors from 3mm to 7/16 inch DIN

OPTIONS

- RoHS compliant lead-free cables available with special labeling and part numbers.
- Custom connectors
- Alternative connector brands
- Test services: sweeptests up to 40 GHz
- Labeling: part numbers, logos, bar codes
- Open ended assemblies, terminated on one-end



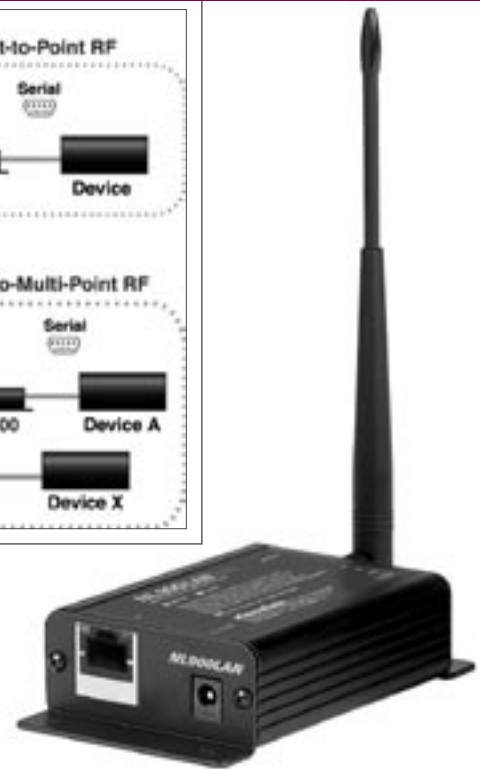
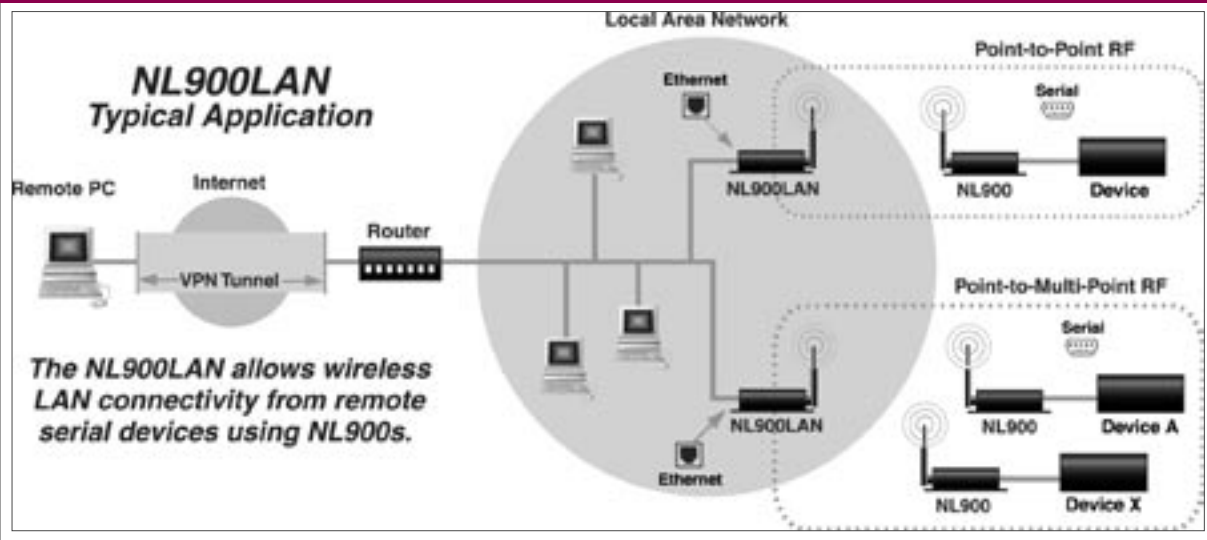
800-233-1728

Fax: (858)549-6345

Email: rfi@rfindustries.com

Web: www.rfindustries.com

RF NEULINK — NL900LAN



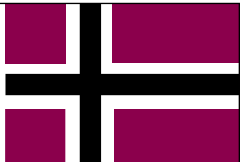
Easy to install

Serves both Ethernet and serial networks

Equipped with CPU, real-time OS, TCP/IP stack

The answer is: c. Norway, with 94 overall Winter Olympics Gold Medals. Next in order are: Soviet Union (78), U.S. (69), and Germany (47).

from www.infoplease.com



LOOK FOR US AT...

Del Mar Expo

April 26-27
San Diego, CA
RF Connectors Division, Booth 670

Broadband Wireless World

April 26-28
Las Vegas, NV
RF Connectors Division, Booth 518

EDS (Electronic Distribution Show)

May 2-4
Las Vegas, NV,
RF Connectors Division, Booth 4320

IWCE

(Int'l. Wireless Communications Expo)

May 17-19
Las Vegas, NV, Booth 823
RF Connectors Division, Booth 823
RF Neulink Division, Booth 824

IEEE MTT-S Int'l. Microwave Symposium

June 13-15
Las Vegas, NV
RF Connectors Division, Booth (tbd)

CUSTOMER SUPPORT: Quality Assurance



*L-R: Ronnie Rice, Quality Manager;
Bill Duncan, Sr. Receiving Inspector*

When you have well engineered products, knowledgeable sales staff, talented inspectors and a continuous improvement program, you have a winning combination. Our goal is to please customers, not just satisfy them. We perform our tasks with confidence, using state-of-the-art inspection and test equipment. From digital calipers to optical comparators, digital multimeters to network analyzers up to 40 GHz, everything is at our disposal to keep up with changing technology and to assure products meet compliance standards. We have backgrounds that cover microelectronics to fiber optic technology. We are here to answer your technical questions.

INSIDE **RF** INDUSTRIES

Published Quarterly Linda Heida, Editor
Please contact us for more information on any of our products and services.

800-233-1728

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Email: rfi@rfindustries.com

Web: www.rfindustries.com

RF CONNECTORS — Connectors for RG-58 Plenum

RF

CONNECTORS offers coaxial connectors for most applications customers encounter.

One need is connectors for use in plenum spaces, the air return paths of central air and heating systems. Plenum cables may be used in ductwork, conduit or in open spaces over suspended ceilings. Plenum cables are rated as having met UL specifications for fire resistance and low smoke producing characteristics. RG-58 plenum cable has slightly different dimensions than standard RG-58 and requires special connectors. RF Connectors offers connectors for plenum RG-58 cable manufactured by Alpha, Belden, Coleman and others. Contact us for a complete list.



PART #	DESCRIPTION	BODY	SHELL	P/C	DIE
RFB-1107-7	BNC Male Crimp Plug	N	N	G	T
RFN-1005-7	N Male Crimp Plug; for Motorola White Teflon	S	S	G	T
RFT-1202-7	TNC Male Crimp Plug; for Motorola White Teflon	N	N	G	D
RFT-1202-7T	TNC Male Crimp Plug; for Motorola White Teflon	N	N	G	T
RFU-600-7	Mini-UHF Male Crimp Plug; for Motorola White Teflon	N	N	G	T
RP-1202-C3	Reverse Polarity TNC Male Crimp Plug	N	N	G	T
RP-1212-C3	Reverse Polarity TNC Female Crimp Jack Bulkhead	N	N	G	T
RP-1216-C3	Reverse Polarity TNC Female Crimp Plug	N	N	G	T
RSA-3010-7	SMA Male Right Angle Crimp; Motorola White Teflon	N	N	G	T

RF
connectors



These plenum connectors are all RoHS compliant.

BIOCONNECT — 17-Pin Connector Kit

B **CONNECT** offers the capability of creating medical connector kits that can be assembled with your desired number of contacts. The 17-pin circular connector shown is an example of a kit to assemble a circular connector socket, compatible with other connectors in the medical market.

It can be assembled and overmolded onto a cable assembly. The kit includes a 4-hole flange adapter that allows assembly into a bulkhead mount connector or overmolded on a cable assembly. It is made with a friction fit for easy coupling and decoupling, while maintaining a secure connection. This connector may be assembled with 1 to 17 contacts. Each contact is gold plated with a crimp termination for 20-24 AWG wires and conforms to Mil 39029. The connector body is molded nylon and available in any Pantone color.



Call (800) 233-1728 more information or to discuss custom applications.

AVIEL ELECTRONICS — Obsolete Connector Replacements



Call (702) 739-8155
with your requirements.



A

VIEL Electronics, division of RF Industries, can fabricate functional equivalents for most RF coaxial connectors and adapters that are obsolete, discontinued or no longer available. Available in all common interfaces, including SMA, SMB, SMC, MCX, and other miniature series, and larger interfaces such as BNC, TNC, N, C, SC, HN, LT and LC. Typical body materials include brass, stainless steel and aluminum, plated with gold, silver, nickel, anodize and olive drab. Contacts materials are brass, beryllium copper or phosphor bronze, with gold or silver plating. Virgin PTFE is the primary dielectric material with other material options available. Body configurations include straight, right angle, bulkhead, flange mount, blind-mate, tri-axial and others. Aviel is a supplier of Department of Defense FAR Supplement (DFARS) 252.225-7014 compliant products containing specialty metals. RoHS compliant products special labeling and certification are also available.

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RF CONNECTORS — Expanded WiFi Cross-Reference



**95 Manufacturers
Thousands of Models**

From 3COM to ZYXEL, the RF Industries expanded WiFi and Broadband Cross-Reference has been updated with the latest WiFi and 802.11 devices to be more useful than ever! With 25 pages of manufacturers and thousands of model numbers, you are sure to find your WiFi device. Next to it is the type of connector you need and the RF Connectors brand part numbers that will work for you.

Whether you are shopping for your customers or your personal use, RF Connectors has what you need for your WiFi and broadband telecommunications system. Download the WiFi and Broadband Cross-Reference from our website, www.rfindustries.com, or call your RF Connectors Sales Associate at 800-233-1728 for a copy to be sent to you.



Which country has won more Gold Medals overall in the Winter Olympics than any other?

- a. Germany
 - b. Austria
 - c. Norway
 - d. United States
 - e. Canada
- (find answer inside)

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