



We Are Connecting A Wireless World

Products

OptiFlex™ Hybrid Cables
Fiber Optic Trunk Cables
Ruggedized Fiber Jumpers
Fiber Patch Cables
Indoor DC Power Cables
Outdoor DC Power Cables
RET Cables

Applications

Cell Site
Distributed Antenna Systems
Public Safety
Remote Control & Monitoring
Transportation & Utilities
Data Center



YOU'VE KNOWN RF INDUSTRIES as your source for RF connectors, adapters, tools and cable assemblies. Now know us for your wireless site cables.

We feature OptiFlex™ Custom Hybrid Cable solutions for your cell towers up to 550 feet with less than 10% voltage drop*. OptiFlex™ is highly flexible, weatherproofed and factory terminated at our ISO 9001-2008, Corning Gold, Cables Unlimited facility.

Let us quote your custom cable needs for your remote rural cell sites or network cable installations.

**Based on 950 watt radios. May vary with configuration.
OptiFlex is a trademark of Cables Unlimited, division of RF Industries.*



For more information scan QR code with your smart phone, go to www.rfindustries.com/productguides.html to download, or contact us to request a print copy.

High Performance, Low Loss Cable Affordable and Available

CBL-CU195 — Replacement for RG-58 and RG-142 cables

CBL-CU240 — Replacement for RG-8X cables

CBL-CU400 — Replacement for RG-8, RG-213, RG-214 cables

Loss comparable to semirigid cable
50dB better than single shielded cable
Available pre-terminated
RoHS compliant
In stock

RF INDUSTRIES NOW OFFERS its own brand of low loss cables, equivalent in quality to the most popular brands, yet more economical. When contacting us for cable assemblies, consider specifying RF Industries brand. Ask your sales representative about our connectors designed for low loss cables. We stock numerous options of RF Industries connectors to speed turnaround times on your cable assemblies. Alternatively, we can build custom assemblies using any specified connector—our brand or others. With RF Industries you get high performance and low loss at an affordable price.



Contact Rosa Reynolds for more information.



Check out our spec sheets here.

SpO₂ Sensors Now Offered Through Bioconnect

Our Bioconnect medical cable division now sells a full line of reusable SpO₂ sensors for every application. We also offer extensions, adapter cables and accessories. Go to www.biocables.com and click on the Resources tab on the left side. Then click on SpO₂ in the right column.



Contact Scott Lende for more information.



Trivia Answer

How many cell sites are in the U.S.

With 285,561 cell sites in the U.S., you'd expect to see one on every street corner. The fact is, they are very often disguised. In urban areas, clever engineers have developed ways to install the equipment into signs, clock faces, drainpipes, telephone poles, church and cathedral roofs and even weather vanes. One of the most noted ways of "disguising" a mobile phone tower, however, is in plastic trees. from www.mashable.com and www.ctia2013.com



INSIDE **RF** INDUSTRIES

April 2013

Published Quarterly — Linda Heida, Editor

Please contact us for more information on any product or service or for a distributor near you.

Visit Us at the Show!

International CAD Consortium (ICC)

April 28 – May 2, Palm Beach, FL

RadioMobile

Del Mar Electronics & Design Show (DMEDS)

May 1-2, San Diego, CA, Booth #701

RF Industries

Association for the Advancement of Medical Instrumentation (AAMI)

June 1-3, Long Beach, CA, Booth #757

Bioconnect

International Microwave Symposium (IMS)

June 4-6, Seattle, WA, Booth #2402

RF Industries

Federation of International Medical Equipment Suppliers (FIME)

August 7-9, Miami, FL, Booth #1279

Bioconnect

Fire Rescue International (FRI)

August 16-17, Chicago, IL, Booth #2741

RadioMobile

Association of Public-Safety Communications Officials (APCO)

August 18-21, Anaheim, CA, Booth #648

Contact us for free or discounted show passes.

Precision 7-16 DIN Adapters with Stainless Steel Coupling Nuts

- Low PIM
- Low VSWR



Available in a 6-piece kit containing the most popular 7-16 DIN and N adapters. P2RFA-4013-SS

TESTING FOR PASSIVE INTERMODULATION (PIM) of wireless base station sites generally includes the use of 7-16 DIN adapters. To assure accurate measurements, the adapters should be attached and tightened using a torque wrench. Traditional 7-16 DIN adapters are constructed of Silver plated machined brass bodies. Although they can be used for PIM testing, after multiple uses the interface surfaces will wear and the plating will begin to flake off, jeopardizing the accuracy of the testing.

White bronze (tri-metal) plated bodies offer tarnish free service, superior electrical performance and low PIM. They provide a non-magnetic solution while retaining high conductivity in the conductor paths. Stainless Steel coupling nuts with large hex flats for easy mating and un-mating provide long life in field applications.

Adapters in kit

More configurations available.

Contact Rosa Reynolds for more information.



Male with hex nut to Female right-angle
P2RFD-1652-SS



Female to Female
P2RFD-1653-4



7-16 DIN Male with hex nut to N Male with hex nut
P2RFD-1670-SS



7-16 DIN Male with hex nut to N Female
P2RFD-1671-SS



7-16 DIN Female to N Male with hex nut
P2RFD-1672-SS



7-16 DIN Female to N Female
P2RFD-1673-4



*IQ Modem RM 2212™
Multi-Speed Data Transceiver*

High Power Integrated RF Data Transceiver for Affordable Mobile Data Transmission

Variable power — Options up to 35 Watt UHF and 800 Mhz.
50 Watt up to 110 Watt VHF
Multispeed — 4.8kb, 9.6kb, 19.2kb, 22kb, capable up to 48kb
Micro-Multiport Controller
Integrated GPS Option
VHF, UHF, 700, 800, 900 MHz

RadioMobile
software • hardware • networking

Contact Sai for more information.



Custom Coaxial Design and Manufacture — Minimum Order: 1



Aviel Electronics, division of RF Industries, can fabricate functional equivalents for RF coaxial connectors and adapters that are obsolete, discontinued or no longer available in any quantity.

- Prototype fabrication
- Obsolescent replacements
- Functional equivalents
- Design changes

Contact Hanh Luong for a quote on your project.
(702) 739-8155, (877) 805-7381, aviel@rfindustries.com



NL5000-T Telemetry Transceiver

JSLM Compatible



The compact design makes the NL5000-T Series perfect as a retrofit to RNet and JSLM installations and is available in VHF/UHF frequencies.



rfneulink
making **RF** the strongest link

Contact Bob White for more information.