



INSIDE RF INDUSTRIES

A Letter of News and New Products — 2008, Issue 2

The New and Improved RF Connectors Catalog Has Finally Arrived!

RF connectors
Division of RF Industries

Coax Connector Solutions

Connectors & Adapters
BNC, TNC, N, SMA, SMB, SSMB, MCX, MMCX, UHF, Mini-UHF, 7-16 DIN, 1.0/2.3 and more
Also available in reverse polarity, reverse thread and 75-ohm

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OddCables now carries single-mode fiber optical cables

In fiber-optic communication, a single-mode optical fiber (SMF) is an optical fiber designed to carry only a single ray of light (mode). This ray of light often contains a variety of different wavelengths. Although the ray travels parallel to the length of the fiber, it is often called transverse mode cable.

Unlike multi-mode fibers optical cables, single mode fiber optical cables do not exhibit modal dispersion resulting from multiple spatial modes. Single mode fiber optical cables are therefore better at retaining the fidelity of each light pulse over long distances. For these reasons, single-mode fibers can have a higher bandwidth.

We are now stocking all combinations LC, SC, ST, in the single and multi mode fiber optic cables from 1 meter up to 30 meters in length.



OddCables.com

Sponsored by Worswick Industries

Contact Worswick Industries at (888) 265-2941 or www.OddCables.com.

ANSWER: Chuck Noll



Chuck Noll, who was head coach of the Pittsburgh Steelers in Super Bowls IX, X, XIII, and XIV, is the head coach with the most Super Bowl victories with four. Charles Henry Noll (born January 5, 1932) is a former professional American football player and coach, most notably the head coach of the Pittsburgh Steelers of the National Football League from 1969 to 1991. He was elected to the Pro Football Hall of Fame in 1993.

INSIDE



INDUSTRIES

Published Quarterly — Linda Heida, Editor.

RF INDUSTRIES: In the news



RF Industries was once again named to the "Technology Fast 50" list of 50 fastest growing technology companies in San Diego for 2008 by Deloitte LLP.

Stop by and say hello

Tradeshows Schedule

Tradeshow	Date	Company
APCO/NENA Tucson, AZ	January 7-9	RadioMobile
MD&M West Anaheim, CA	February 10-12	Bionnect
IWCE	March 18-20	RF Connectors RF Neulink



RadioMobile Messaging Software

IQ Mobile Software Upgrade increases fleet efficiency

RadioMobile's most popular software product, IQ Mobile, has just been improved providing greater efficiency in mobile data management. A wide range of fleet owners, managers, and users will benefit from the new functionalities added to IQ Mobile.

IQ Mobile provides mobile messaging and status updating while seamlessly interfacing with applications such as CAD, mapping, AVL, and RMS. Additionally, it provides the fundamental engine for conducting law enforcement queries such as NCIC, NLETS, and many others.

Major upgrades to IQ Mobile include integrated mapping (IQ Map) and an improved highly adaptable interface.

RadioMobile's IQ Map application, which can also serve as a stand-alone product, is now a standard feature adding greater value to this already robust software. Through a central control, a "certified" position can be placed on the map showing the unit where to go. As the mobile moves, current position is updated every second and the map rotates as vehicle direction changes. In addition, users now have more zoom levels available.

The touch screen interface now showcases more clearly defined buttons that are not only easier to read, but also add increased utility. Multiple day and night color combinations allow users to set screens for better readability and increased safety at night. More sound selections are now available to notify users of alerts.

IQ Mobile is optimized for all network efficiencies including mobile satellite and can be used in conjunction with other RadioMobile hardware, software, and networking products for a complete mobile data solution.

RadioMobile
making mobile data affordable

Aviel — Custom Coax Connectors



LC and LT Connectors available in standard or custom configurations

LC and LT connectors, designed for high voltage applications while maintaining a 50 Ohm impedance, are not intermateable. Originally designed for larger cables with jacket OD ranging from 0.73" to 1/2", these connectors can also be adapted to today's more efficient smaller diameter cables. Body configurations and materials can be supplied to meet your specific requirements.

Typical performance characteristics include voltage ratings up to 5,000 volts and up to 10,000 volts with specific cable preparations, and an operational range of DC to 1 GHz. The appropriate specifications are shown in MIL-PRF-39012 or MIL-C-3650.

To simplify your testing, Aviel Electronics can also supply test adapters from any of the LC or LT interfaces to your desired connector configuration.



Contact Aviel Electronics at 877-805-7381 or aviel@rfindustries.com.

RF Cable Assembly — Quality Assured



N-Female Gauge

SMB Gauge Kit

MMCX Gauge

Our RF cable assemblies conform to MIL SPEC

Correct linear interface dimensions are critical to optimal performance of RF cable assemblies and the mechanical mating of male and female connectors. With this in mind, every RF cable assembly we manufacture is tested with a precision interface gage to assure compliance with MIL-STD-348. This is just one of the tests your assembly is subjected to before it goes out the door. You can be confident that the cable assemblies you buy from RF Cable Assembly, division of RF Industries, consistently meet the highest industry standards.





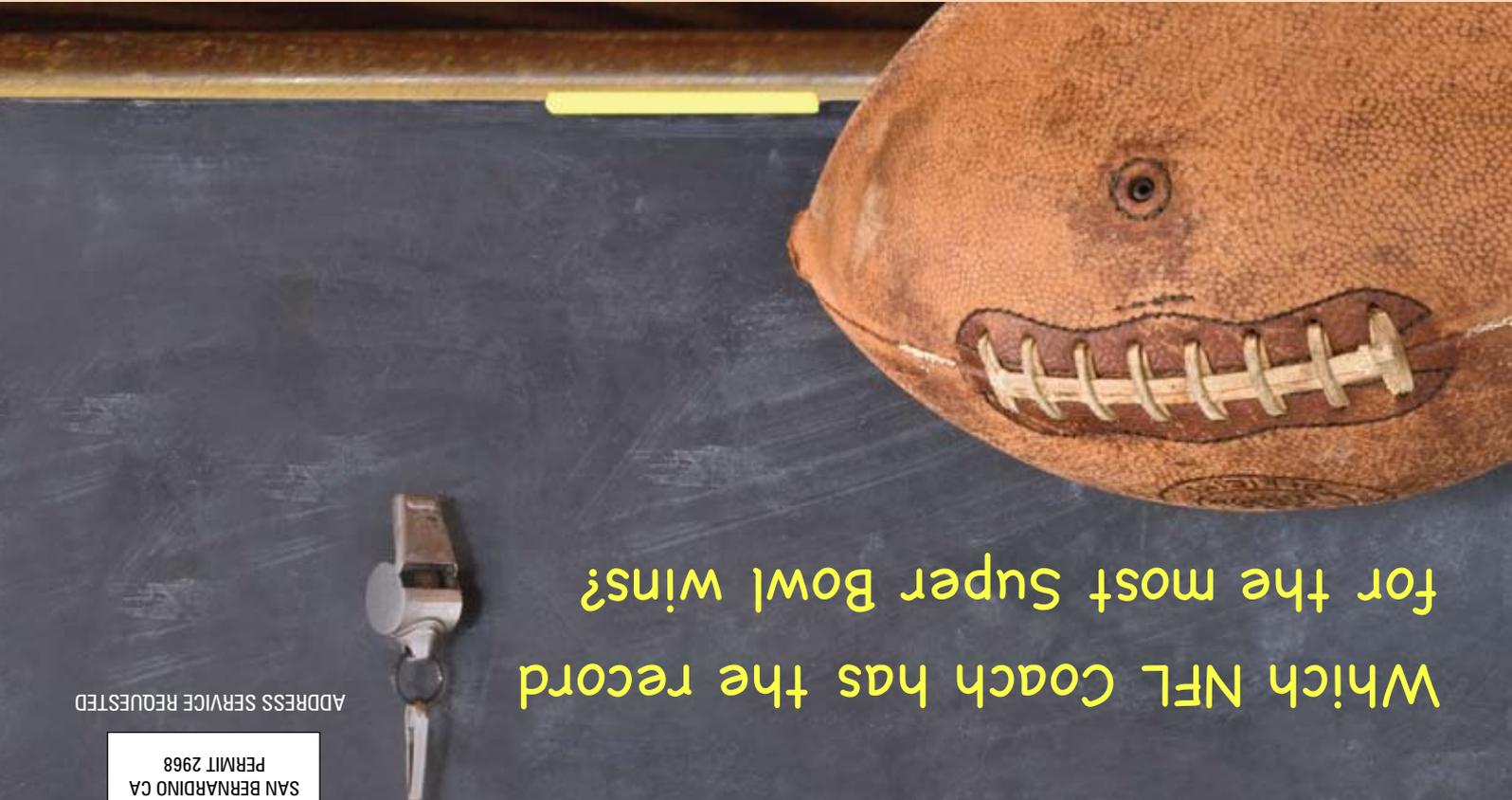
Santoprene® Thermal plastics offers advantages for molded cables assemblies in medical applications

B

Bioconnect uses Santoprene as a primary molding material and outer insulation material in all of their standard ECG products. Santoprene is a thermal plastic compound that is processed in much the same way as any type of plastic. The difference is that Santoprene possesses the same levels of

flexibility and durability that are commonly found with natural rubber compounds. Santoprene is latex free and hypoallergenic to patients. It has a very soft, yet supple feel, resulting in a pleasant contact with the skin. It is abrasion resistant and does not get slippery when exposed to many fluids. Santoprene is also impervious to most solvents that would be commonly used in the hospital, clinic, and emergency medicine environments. The positive traits of Santoprene also make it a primary component in the fabrication of medical devices to be used in the home environment, such as event recorder cables and exercise and therapy equipment. The choice of Santoprene in the cable jacketing and overmolding materials creates a very solid bond between cable, yoke and flex reliefs. This increases the products life and helps eliminate places for contaminants and biologics to “hide”. Santoprene can also be sterilized using most common methods, including gamma radiation, steam and EtO. Santoprene is also easily recycled. After products made with Santoprene have seen better days, the same material can be reprocessed and molded into new products. This easily recycled substance helps eliminate unwanted items ending up in landfills.

Because of the many desirable characteristics of Santoprene, Bioconnect also promotes its use in most of its OEM products that have medical applications, along with automotive and household products.



Which NFL Coach has the record for the most Super Bowl wins?

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