



INSIDE RF INDUSTRIES

A Letter of News and New Products — 2011, Issue 2

Precision 26.5 GHz Phase Stable Cables Offer Accurate RF and Microwave Measurements

- Triple shielded
 - Low loss
- High temp jacketing
- Stainless steel connectors



P2RFC-1055-24 (24 inch length)

P2RFC-1055-36 (36 inch length)

P2RFC-1055-48 (48 inch length)

TEST GRADE CABLES ARE A MUST FOR RF APPLICATIONS. The test cables serve as the extension of the equipments' test ports. They provide flexibility for measuring cable assemblies or other microwave devices. It is vital to system performance that they remain stable when subjected to environmental or mechanical stresses. Phase stable cables have triple shielding with low loss dielectric and high temp jacketing to minimize the phase effects when flexed multiple times. The connectors are made of rugged stainless steel for extended attachment and feature a strain relief support designed for armoring as an option.

RF Connectors now offers such cables for applications up to 26.5 GHz.



RF INDUSTRIES

CONNECTING THE WORLD.

www.rfindustries.com



Programmable function buttons

RadioMobile
software • hardware • networking



Control Panel



Easy Daylight Viewing Possible With High Brightness Mobile Display

RADIOMOBILE'S RMHB 12.1" is a high brightness daylight viewable industry standard display terminal to suit in-vehicle computing needs.

- 12.1" High Brightness Touch Screen (1500 NIT less filters)
- Low Current (max brightness 1.8A at 13.7V DC)
- 10 Programmable Function Buttons
- Operational Range: 6.8V – 28V
- 3 Standard USB Ports
- LED Backlit
- Lightweight
- Emergency Button
- AV Kill Switch

Contact Sai for more information.



RFN-1028-I2

N Female Connector Now Available for LMR®-400-LLPL Cable

WHERE WIRELESS APPLICATIONS REQUIRE an easily routed, low loss RF cable for in-building systems, Time Microwave LMR-400-LLPL has become a popular choice. To meet the needs of this plenum cable, RF Connectors now offers the perfect fit and performance with the RFN-1028-I2 connector.

LMR is a trademark of Times Microwave Systems.

Contact Rosa Reynolds for more information.



Ultrasonic Welding: Choice for Durability, Economy

IN THE MEDICAL ENVIRONMENT avoidance of adhesives, foreign and unnecessary materials is desirable. This is why Bioconnect attaches its sensors to its leadwires by using ultrasonic welding, passing the savings on to you. We have become skilled in its use over the last 16 years in a variety of applications.

Contact Scott Lende for more information.

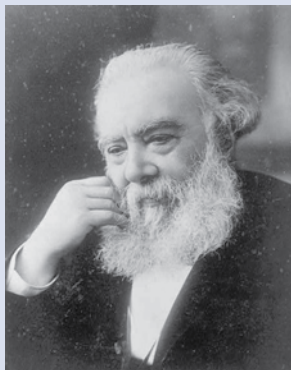


Trivia Answer

The American Bell Telephone system was named after Alexander Graham Bell. However, being a good son, Bell gave the rights to the Canadian Bell Telephone system to his father, Alexander Melville Bell.

Alexander Melville Bell (1819–1905) was a teacher and researcher of physiological phonetics and was the author of numerous works on orthoepy and elocution. Additionally he was the creator of Visible Speech, which was used to help the deaf learn to talk.

www.wikipedia.com



Visit Us at the Show!

IMS2011

(IEEE / MTT-S)

June 7-9, Baltimore, Booth 4615

AAMI

June 25-27, San Antonio, Booth 139

APCO International

August 7-11, Philadelphia, Booth 849

Fire Rescue International

August 25-27, Atlanta, Booth 4965

Contact us for free or discounted show passes.

INSIDE **RF** INDUSTRIES

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

Cable Facility Upgrade Supports Efficiency, Customer Savings



AS PART OF OUR INVESTMENT in the future of our cable assembly operation, we recently remodeled our production facility. We are always striving to improve the efficiency of our operation in order to pass the savings on to you,

the customer. We think the expanded work space, new work stations and better lighting all contribute to this result. If you're ever in San Diego, please drop by for a cup of fresh brewed coffee and a tour.

Contact Rosa Reynolds for your personal tour.



Wire Harnesses Reduce Fire Hazard



WIRE HARNESSES ARE COMMONLY USED IN AIRCRAFT, automobiles and aerospace to contain masses of wires and protect them from vibration, abrasion and moisture. This reduces the risk of electrical shorts. Flame retardant sleeves lower the risk of electrical fires even further. OddCables is an experienced assembler of custom wire harnesses.



Contact Jesse Fuller for a quote on your project.
(888) 265-2941 or (858) 571-5400



Custom SMB Adapter Created for Equipment Manufacturer



CO-SMB-JKMA-3P01

A CUSTOMER REQUIRED A SPECIAL SMB JACK ADAPTER with modified interface and mounting configuration to fit a piece of equipment they were manufacturing. Aviel designed and manufactured a custom panel mount SMB jack adapter that allowed this piece of equipment to function with an RF connector port, thereby providing a cost-savings to them. Specifically, this connector featured external sealing and .060 axial shift when mated with a standard off the shelf SMB plug. Aviel specializes in the design and manufacture of RF connectors with special mechanical or electrical requirements.

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



It's Finally Here!

NL900S Revolutionary "Super Modem" Worth the Wait



LAN Access Points Allow Wide Area Wireless Network

Spread Spectrum Radio Modems

900 MHz Unlicensed

rfneulink
making **RF** the strongest link



Contact Bob White for more information.

AS YOU READ THIS, THE NL900S is in its first production run and you are the first to hear about it!

The NL900S is a revolutionary new radio data transceiver, the first to incorporate Field Programmable Gate Array (FPGA) and Software Defined Radio technology. The combination of these two leading technologies has given product designers the freedom to break through conventional design limitations of wireless data communications products. Because FPGAs are software programmable, you can change the functionality of the product by simply downloading a new application to the FPGA without changing any hardware. The benefit to the product owner is the capacity to defer the obsolescence of your investment through the ability to update both your hardware and your software.

Go to www.rfneulink.com to read more about the NL900S, view a spec sheet or read Bob's informative white paper on the NL900S, "The Best of Both Worlds".

Read the surprising answer inside.

*Who was the father of the
Canadian Bell Telephone system?*



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