August

Summer '08

Alster News

Valmont - Monopoles & Towers

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When you need to support an antenna at a new or existing site, we can help.

Monopoles/Towers

Over the years, certain guidelines have come into play when choosing a structure to support antennas: from 20 to 80 feet, a laminated wood structure is inexpensive and does the job; from 60 to 120 feet, a steel monopole is a better choice; from 100 to 200 feet, a three or four legged tower is the ticket and from 200 to 1,000 feet a guyed tower is the way to go.

Alster is fortunate to have Laminated Wood Systems for when a wood structure is needed to satisfy the need. For Monopoles we have Valmont Structures with four manufacturing plants around the US.

For three and four legged towers we have both Microflect and PiRod. The engineering will determine whether the Microflect or PiRod design is best.

Finally for guyed towers we have PiRod. You can trust Laminated Wood and Valmont Structures to satisfy your structure needs

Components

If you need to attach an antenna to an existing building, monopole, rooftop or tower, Valmont Structures (including Microflect in Oregon and PiRod in Indiana) provides every component you could need to keep the antenna pointed in the right way.

Monopole In Billings, MT

Site Pro Acquired

Valmont Communications acquired Site Pro, a distributor of components with offices in Los Angeles, Atlanta and New York. The more popular products from the Site Pro line will be making their way into the Salem warehouse in the near future.

Should you have requirements for poles, towers and/or components, we have what you need, just give us a call. Ω

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Times T-Rad Mine Safety Approved

Times Microwave Systems now has MSHA (Mining, Safety and Health Administration) approval for its 1/2" T-Rad® leaky feeder cable. The cable designated as ***T-Rad®-600-FR-MSHA*** is marked with the MSHA qualification reference number and thus can be used in mining applications where MSHA approvals are required. **The Times part number is AA-9572 (MI-44048).**

The added cable marking reflecting both of these approvals is "**P-07-KA070009-MSHA**" and appears on the ***T-Rad®-600-FR-MSHA*** cable jacket.

In Stock

T-Rad®-600-FR-MSHA cable is currently in stock at Tessco and may also be stocked soon by other Times distributors.

Please call me for additional info. Ω

P-25 Off-Air Monitoring With JPS

JPS' ACU-2000 IP interoperability device has been certified for interoperability with Avaya Public Safety Communications Solutions, an integration of communication software, hardware and services from Avaya and its partners.

Avaya Lab-Tested

Avaya assembled this solution to help public safety agencies update their emergency call systems to support advanced technologies. The ACU-2000 IP helps these agencies to enable communications between two-way radio systems and session initiation protocol (SIP) telephones, networks and devices. The device has been lab-tested for interoperability and ease of implementation by Avaya.

JPS Communications is a member of the Avaya DevConnect program—an initiative to develop, market and sell innovative third-party products that interoperate with Avaya technology and extend the value of a company's investment in its network.

Avaya delivers Intelligent Communications solutions that help companies transform their businesses to achieve marketplace advantage. More than 1 million businesses worldwide, including more than 90 percent of the FORTUNE 500®, use Avaya solutions for IP Telephony, Unified Communications, Contact Centers and Communications-Enabled Business Processes.

For more information on the ACU-2000 and its use with Avaya or Cicso, please give me a call. Ω

JPS ACU-2000
Avaya Lab-Tested

Custom Antennas By Larsen

How many mobile antenna companies do you know that are so convinced they can help you with a specialized antenna that they put the form on their web page? Not many that I know of.

Custom Antennas

Now, we all realize that Larsen would need an opportunity for more than 10 antennas to do a custom, but they have certainly done custom antennas for low quantity applications.

What do you need? Special cabling? Special connectors? Special mounts? Whatever you need, Larsen can come up with an option to help you solve your problem.

Want to try it? Just copy and paste or type this into your web browser. Then fill out the form and see what happens.

http://www.larsen-antennas.com/techref_customdesign.shtml

Larsen is also pretty good at providing sample antennas to validate operation. If you have an application and want to try a Larsen antenna, just let me know. Ω

Larsen Antennas makes custom antennas in small and large quantities

Indoor Warning By Federal Signal

Most people recognize Federal Warning Systems because of their outdoor warning sirens. We want you to think about indoor warning.

Indoor Warning

Indoor warning is a different kind of warning system because it can incorporate telephones, lights, speakers, sirens and any combination that meets the needs of the application.

Federal Warning Systems has all of the products you need for indoor warning including dial-down and paging/cellular notification, strobe and colored lights with speakers, 25v or 70v speakers and indoor sirens.

Quote Requests

So, if you have an indoor warning application, please call us. We have the resources and experience you need to will help you design the system and provide a quotation. We are just a phone call away, so please give me a call. Ω

Informer - Indoor
Warning Device

Multiplier - Tougher Than Tough

Multiplier strongly supports testing products on behalf of customers, which is why Multiplier take the responsibility to incorporate regular testing for a variety of electrical and durability factors into their normal manufacturing process. They do this to ensure quality to their customers - you.

Drop Test

Multiplier manufactures batteries for several brand name radio manufacturers. One of these manufacturers requires a drop test with 200 impacts. The Multiplier failure rate at 200 impacts? 0% - that is quality.

American Made

Each Multiplier battery is made in the US facility at Mt. Kisco, NY.

Measuring Reliability

So, how do you measure reliability? Is it passing a 200 impact drop test? Is it never failing a vibration or ESD testing procedure? Or is it measuring the returns after 34 years of manufacturing replacement batteries in the two-way radio arena?

Multiplier has sold over 10,000,000 batteries. A lot of these batteries have been sold to the same customers for over 25 years! Why do these customers continue to buy Multiplier? Quality/Reliability/Price Value.

You too should be buying Multiplier. Ω

Multiplier Batteries Tougher Than Tough

Rapid Deployment Tower Top Amplifier

Designed to enhance the operation of the temporary base station, the **Rapid Deployment Tower Top Amplifier** will increase the receive sensitivity, often in excess of 10 dB, and can make up for the imbalance between mobile and handheld users. Often in emergency situations, any increase in "talk back" range can make the difference in mission critical communications.

Improved Receive

The Tower Top Amplifier or TTA system consists of two components: the Tower-Top Amplifier mounted close to the antenna and a Receiver Multicoupler base unit.

The lightweight and rugged TTA is designed to reduce wind loading on mobile communications tower systems. In addition, the rapidly deployable package ensures quick and reliable communications in emergency situations.

To reduce the size of the TTA and simultaneously provide 120 dB of isolation of a TX carrier, filtering has been split between the TTA and Receive Multicoupler base unit. Please call for additional information. Ω

TXRX provided a Rapid Deployment Tower Top Amplifier for various RF bands

Coscomm NS3 Satellite Transceiver

The Coscomm NS3 transceiver is an in-vehicle voice and data solution that is designed for applications requiring full coverage communications with maximum interface flexibility. It is built to function with the Iridium satellite network and is designed to provide global voice and data coverage world-wide. An optional GPS receiver makes this ideal for use with AVL or other location based applications. The NS3 can be interfaced to any Data Terminal Equipment (DTE) capable of sending standard AT commands via a serial port. The NS3 design provides additional environmental hardening, external LCD status indicators and enhanced voice and data interfaces. The NS3 is best suited for mobile voice to any public PSTN number in the world; mobile Internet connection; mobile data and remote interface to 3rd party applications; backup communications in case of disaster and remote marine, utility and construction applications. Ω

The Coscomm NS3 Transceiver

Updated ACES Seminars— 2008

Thank you to those customers who called in and made suggestions.

Room A

8:00 to 9:30 AM - P-25 Alighnment Mishaps - Hands on/How to solve analog measurements for a digital carrier. Review of set ups and configuration

10:30 to 11:30 AM - Satellite Communications 101 with applications such as siren control and short burst data control

1:00 to 2:30 PM - Relm Wireless - Introduction of the KNG portable, demonstration of Portable Repeater and new B & I portables

Room B

8:00 to 9:30 AM - JDSU - Ethermet Transport In Public Safety - discussion of Ethernet Transport verification procedures with hand held testing units.

10:30 to 11:30 AM - JPS - discussion of the P-25NET Repeater Controller.

1:00 to 2:30 PM - Sweeping 700 MHz antennas with various cables and connectors for loss and intermod. Hands on, live discussion of mobile antennas, cable, audio accessories and replacement batteries.

ACES October 2008

Boise, Idaho - October 6, 2008

Helena, Montana - October 8, 2008

Spokane, Washington - October 9, 2008

ACES Hawaii 2009

Mark your calendars for Thursday, February 12, 2009 for the Alster Communications Electronic Showcase being held in Honolulu, Hawaii. Ω

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