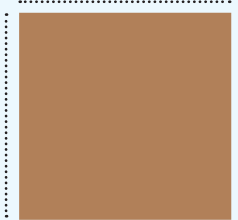
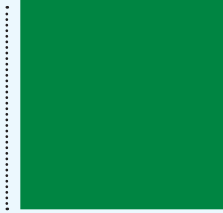




TALLEY® SHEET



Third Quarter 2010



RF's 7-16 DIN's Interface

Technicians in the cellular, PCS, GPS and digital communications fields are finding more applications are now requiring 7-16 DIN connectors and adapters.

For cellular communication use, the 7-16 DIN interface offers technical advantages over the N, TNC or SMA coaxial interfaces. Capable of carrying high power at high frequencies, 7-16 DINs are larger and more precise, offering stable electrical and mechanical connections with tighter tolerances and improved VSWR performance.

The RFA-4013 7-16 DIN adapter kit provides convenient means for bridging type N devices to 7-16 DIN interfaces on the test-bench and in the field. Adapters in this kit are made of machined brass and feature Teflon® insulation and silver plated contacts and bodies for minimal intermodulation distortion generation.

This foam lined, zippered kit contains six adapters: RFD-1652-2 (7-16 DIN Male to 7-16 DIN Female R/A adapter); RFD-1653-2 (7-16 DIN Female to 7-16 DIN Female barrel adapter); RFD-1670-2 (7-16 DIN Male to N Male adapter); RFD-1671-2 (7-16 DIN Male to N Female adapter); RFD-1672-2 (7-16 DIN Female to N Male adapter); and RFD-1673-2 (7-16 DIN Female to N Female adapter).

RF Connectors, a division of RF Industries, designs and manufactures a complete line of coaxial connectors, ranging from the very small MHF to the much larger 7-16 DIN interfaces. In addition, RF Connectors supplies kits for use in the field or labs.



Call Talley at 800.949.7079 to inquire about RF's 7-16 DIN interface and all other RF Industry products.



Talley Expands Operations to East Coast

Talley Inc. announced earlier this week our expansion of our business to include an East Coast warehouse and sales facility in the New York metropolitan area. The new facility will increase Talley's logistic footprint to seven strategically located facilities.

Talley has serviced business in the Northeast for several years without a facility in the market. With this new facility, we can now deliver the complete Talley experience to the Northeast.



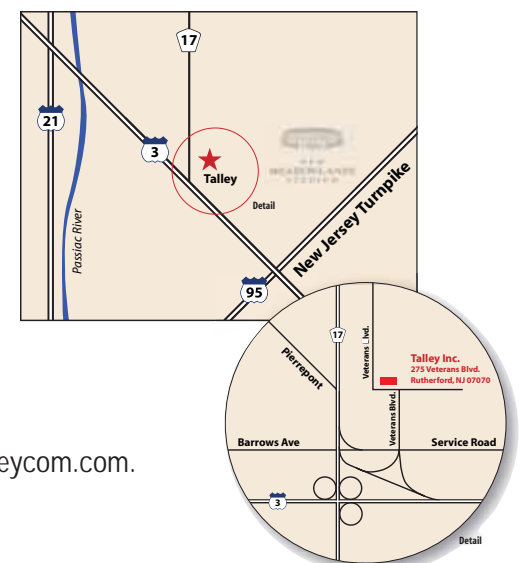
At Talley, our philosophy is to provide customers with personalized, expert assistance so they can complete their projects in the shortest time, with the best possible products, and the lowest overall cost. This means having industry experts available in person to assist with everything from placing a simple order to helping customers plan their next project.

Talley is making the investment in inventory and people to support wireless carriers and contractors in the Northeast. Andrew, CommScope cable and accessories will be stocked in the new location along with all necessary site hardware including tower steel, components and consumables.

Talley's newest facility is located at the intersection of Route 17 and Route 3 in the NJ Meadowlands, 10 minutes from Manhattan and one mile from the NJ Turnpike at:

New Talley Facility Address:

Talley Inc.
275 Veterans Blvd.
Rutherford, NJ 07070
Phone: 201.460.7501
Fax: 201.460.7504
Toll Free: 800.949.7079



For more information, please e-mail: sales@talleycom.com.

Manufacturers

Adtran	Cielo	Dragonwave	ICT	Multiplier	Republic Wire	STI-CO
Andrew • DECIBEL PRODUCTS • MTS	CommScope	Duracomm	JPS	Newmar	RF Industries	Telewave
Anritsu	Copper B-Line	Emerging Power	Kathrein-Scala	ODM	RFS- Celwave	thermOweld
Astron	Corning Cable Systems	EMR	Laird Technologies	PCTEL	ROHN	Times Microwave
Belden	CPI	Ericsson	Larsen	Panavise	Roxtec	TJ Cope Inc.
Bird Electronic	Comtelco	Eupen	Lyncole	PolyPhaser	Samlex	Transtector
BridgeWave Communications	DBI SALA	Exalt	MECA Electronics	RAD Data	Sinclair	TPL Communications
Cellular Specialties	DDB Unlimited	GAI-Tronics	Megger	Radiowaves	Solar World	Uniden
	Digital Antenna	Gamber-Johnson	Mobile Mark	Redline Communications	Spotwave	

800.949.7079

TALLEY®
You Connect the World. We Make it Easy.

Anritsu Certification Courses

With emerging technologies and products, along with tight budgets and tighter time lines, the importance of training your staff may not be an easy task, but it is certainly an important one.

This is where Talley comes in. Talley provides regular certification courses such as the Anritsu's Site Master™ Certified Line Sweeping Course.



These two-day instructor-led training courses focus on RF line sweep theory and technology. All attendees will be given the opportunity to take the Site Master™ Line Sweep Certification exam (a four hour written and hands-on test). Talley offers this certification for \$1,350 per seat. For your convenience you can register and pay for your seat(s) online at www.talleycom.com, under the News and Events section.

Register to attend the nearest Anritsu class in your area:

San Antonio: July 20-21

Denver: October 12-13

Dallas: August 10-11

Kansas City: November 9-10

Los Angeles: September 7-8

Qualifying an IBS Opportunity

In-Building Systems (IBS) have a wide variety of applications ranging from a small home office solution to large business enterprises.

Specifically, these applications can consist of Public Safety systems for VHF, UHF, 700 and 800 MHz, to commercial carrier market of Cellular, PCS, AWS and LTE etc.



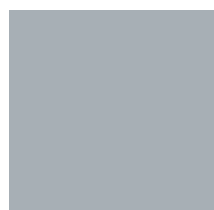
So how do you know what your customer needs?

We crawl before we walk. In an IBS opportunity like this, we need to be sure to develop a plan to capture the project's big picture. To better focus into this picture, qualifying the customer with specific pre-planned questions is very essential to the project's bottom line costs, design and products. To give you an idea on some of the open-end questions to



ask, consider the following questions on the next page.

Continue on Page 4



Andrew's Universal Tower Face Mount Kit

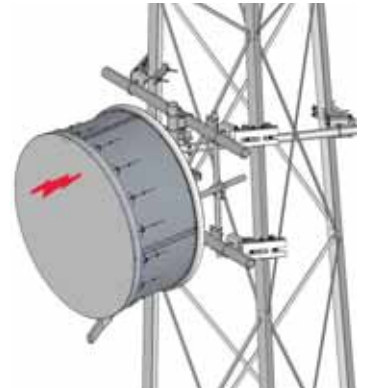
Andrew's Tower Face Mount Kit is the first truly universal face mounting solution in the industry. With adjustable taper channels, it uniquely accommodates straight or tapered round or angled tower legs. This advantage provides an ideal solution for installing microwave antennas on the faces of straight or tapered lattice towers.

Andrew continues to lead the industry in standards for quality, safety, and value. With the universal Tower Face Mount Kit, you get a secure, reliable installation every time. Expertly engineered sliding channels allow easy taper adjustment for a true vertical mount.

Each kit encompasses everything you need for successful antenna installations, including universal saddle mounts, taper adjustment channels, horizontal pipes, antenna mounting pipe and all hardware.

Kit Features Include:

- Capability to mount to towers with face widths of up to 20 feet
- Universal saddle mounts for mounting to straight or tapered round legs up to 8 inches outer diameter, 60-degree angle legs up to 8 inches, or 90-degree angle legs up to 6 inches
- Universal taper adjustment for up to 7 degrees of taper with 53 inches of separation
- Hot dip galvanized steel components for maximum corrosion protection



To see the full line of accessories for the Tower Face Mounts, contact your Talley sales representative to request your new Andrew Steel Products Catalog. You can also contact your local Talley sales representative at 800.949.7079 or visit www.talleycom.com to purchase Andrew's new Tower Face Mount Kit and other industry-leading Andrew products.

Analyze Your Radio Frequency Spectrum Remotely!



Bird® SignalHawk™ Rack-mount 100 kHz - 3.6 GHz

Over an Ethernet network, remotely analyze the performance of your system and diagnose problems from any computer on your network, whether in the same room or half way across the state.



YOU'RE HEARD, LOUD AND CLEAR.

Custom RF Cables

- Built to Your Specifications
- Test to Your Specification Available
- Open Ended Assemblies
- Custom Labeling
- Custom Packaging Services
- Custom Kitting

Shop online | www.talleycom.com/wizard



Custom Cables

DC - 8GHz. Any quantity amount (1-1000) and quick turn around delivery.



Consumables

Weather Seal, Heat Shrink and Tie Wraps.

CAxT® Cable Wizard

Easy online tool to build your custom cable assemblies. Ask your Talley team member for details.

You Connect the World. We Make it Easy.



800.949.7079

LMR® - LLPL Low Loss Plenum Cables

The Times Microwave Systems LMR® - LLPL low loss plenum cable series is an extremely popular 50 Ohm coaxial cable for in-building applications where a highly fire retardant and low smoke cable is required such as installation in air handling plenums, dropped ceilings, raised computer floors, walls, etc.

The rugged construction of LMR® - LLPL cables make them easy to install without the potential for damage, as is prone to occur with cheaper air-dielectric plenum coax cables. It has a UL/NEC rating of 'CMP/MPP'. In addition to its high fire retardancy, LMR® - LLPL low loss plenum cable has the lowest loss of any plenum cable of the same size.

LMR® - LLPL cables employ a low loss PTFE dielectric but otherwise have the same features and benefits of standard LMR® cable including an aluminum foil shield in combination with a tinned copper braid for a high level of shielding effectiveness exceeding 90 dB (greater than 180 dB between two cables).

Available in sizes from LMR-195-LLPL through LMR-1200-LLPL, there is an extensive selection of Times high performance and high quality connectors available including crimp and clamp install with either EZ non-solder or solder-pin types in most common interfaces including N, TNC, BNC, SMA and 7-16 DIN.



Talley stocks most popular sizes of Times' LMR® - LLPL cables and they are available for immediate delivery.

Just give us a call at 800.949.7079 or visit our online store to place your Times Microwave order today.

PCTEL's All-In-One Antenna

Ceiling Mount Omnidirectional Antenna



PCTEL utilizes the latest technologies and engineering development tools to design and manufacture high performance products for in-building wireless voice and data applications. PCTEL's antenna designs simplify mobility by providing wireless connectivity indoors, outdoors and on the move, supporting users in a multitude of applications.

The PCTCMB (PCTCMB7058NF) covers a frequency range of 698 MHz - 6.0 GHz and offers great value for OEMs, VARs and Systems Integrators looking for multi-band coverage, performance reliability and attractive consumer oriented housings at affordable prices.

Ideal applications include:

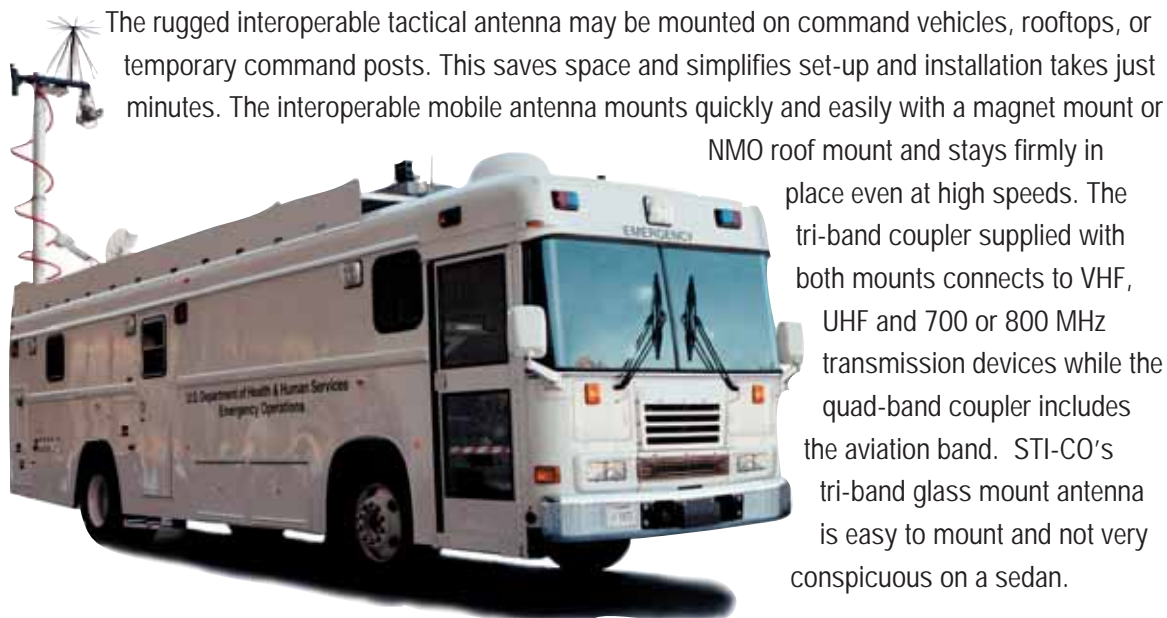
- In-Building Public Safety
- Retail Establishments
- Enterprise Networks
- Public "Hot Spots"
- Facilities Management Connectivity

Call your Talley representative to inquire about PCTEL's omnidirectional antenna, which provides a multitude of in-building RF possibilities. You can also shop our online store at www.talleycom.com/store.

New Public Safety Antennas from STI-CO®

Interoperable Antennas from STI-CO®
Multi-Frequency Antennas Now Available With 700 MHz

The unique STI-CO® interoperable antenna systems are designed for use with VHF, UHF and 7-800 MHz mobile radios without installing multiple antennas. These broadband antenna systems enable first responders to communicate with different agencies seamlessly on three different bands and compliment gateway transmission systems.



The rugged interoperable tactical antenna may be mounted on command vehicles, rooftops, or temporary command posts. This saves space and simplifies set-up and installation takes just minutes. The interoperable mobile antenna mounts quickly and easily with a magnet mount or NMO roof mount and stays firmly in place even at high speeds. The tri-band coupler supplied with both mounts connects to VHF, UHF and 700 or 800 MHz transmission devices while the quad-band coupler includes the aviation band. STI-CO's tri-band glass mount antenna is easy to mount and not very conspicuous on a sedan.

STI-CO® has designed and manufactured two-way antennas in the USA for more than 40 years, providing a critical service for the many law enforcement agencies. This women-owned business is certified ISO 9001-2008 and backs up their product line with well-trained technical support and a solid five-year warranty.

Redline's RedCONNEX™ AN-80i

Redline Communications has had exceptional success in delivering reliable, high-performance broadband wireless solutions for the license-exempt bands. Redline's RedCONNEX™ AN-80i enable long-range point-to-point (PTP) carrier grade connectivity, while the RedACCESS AN-80i provides for point-to-multipoint (PMP) networks. Redline solutions have the highest throughput and greatest line of sight (LOS) and non line of sight (NLOS) range in the industry for voice, video and data communications. The solutions also deliver the lowest end-to-end latency in their class.

Redline's AN-80i products have been widely deployed in the license-exempt 5.2, 5.4 GHz and 5.8GHz frequency bands.

Building on the success of the AN-80i in the unlicensed bands, Redline has expanded the product family to offer excellent solutions with additional features to reap the benefits of two licensed bands: the 4.9 GHz public safety band and the lightly-regulated 3.65 GHz WiMAX band.



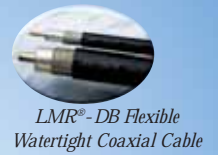
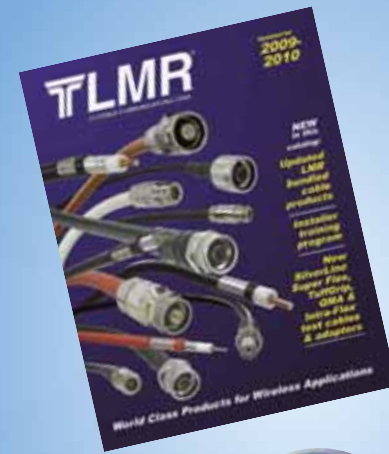
Public Safety Solutions

The 4.9 GHz AN-80i operates in the 4.940–4.990 GHz public safety frequency range and provides fast, secure, robust and affordable broadband wireless connectivity. In fact, Redline's 4.9 GHz products are the first broadband wireless solutions designed to meet the stringent



Continue on Page 10

Flexible Coax Solutions... They're All Right Here



LMR®-DB Flexible Watertight Coaxial Cable



LMR® Bundled Cable



Hardware, Accessories and Installation Tools



Advantage Connectors



Fire retardant LMR®-LLPL Plenum and LMR®-FR Riser Coaxial Cables

A Full Line of Coaxial Cables, Connectors, Hardware, Accessories and Tools

TALLEY

Call us at 800.949.7079

Qualifying an IBS Opportunity

Continued from Page 2

1. What service(s) would you like to enhance?

Responses can include a single carrier, neutral host system or public safety.

2. What is the budget for the project?

The budget will dictate direction, design and overall product recommendation. Quite often with Public Safety applications, it's the building's owner that must cover the costs of adding or improving the In-Building System.

3. What is the city/state/zip code for the project site?

This information allows determination on specific bands and county ordinances.

4. Can you describe the building (number of floors, sq. footage...etc)?

Depending on the size of the project, this will allow us to determine if low, medium or high power equipment would be needed for this application.

5. Is plenum rated cable required?

Most In-building applications require plenum rated cable, unless existing conduit is present and open for standard cable to be run through.

6. What are the coverage expectations (blanket coverage, partial or priority areas)?

Due to budget constraints, often end users are open to the idea of cutting costs and covering only critical areas as opposed to blanket coverage.

7. Are floor plans available?

With access to floor plans, we are able to provide highly accurate designs tailored for the end users application.

Now that you have a strong understanding on what your customer needs, Talley can recommend their ideal solution based on our wide variety of IBS products. As always, our Talley Technical Support staff is just one phone call away to help assist on the qualifying process.



Master the spectrum and master your budget.

Advanced interference analysis and signal analyzer capabilities are what separate Spectrum Master from everything else in the field.

Spectrum Master MS2712E/MS2713E handheld spectrum analyzers feature all the tools you need to locate the frequency as well as map the source of interfering signals.

Learn more at www.Talleycom.com or call 1-800-949-7079

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TALLEY
You Connect the World. We Make it Easy.



MS2712/13E
Spectrum Master Compact
Handheld Spectrum Analyzer
Showing Interference Mapping

Talley's Just a Click Away

www.talleycom.com/store

Looking for a specific manufacturer or part number? Browse Talley's extensive inventory of the top manufactured products in the wireless industry without leaving your PC.

Easy to use search engines allow you to filter your search request by part number, description or manufacturer. Log on and check status of pending orders, obtain tracking for orders shipping and complete the process with the ability to print invoices.

Use the export option to share your quotes with colleagues via email. Research is easy to do on the website, use the search engine to locate the product you require and download specification sheets right from the product details page.



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always get the most accurate information before you place your order. For your convenience and a faster process we have included a few new features:

- Importing Favorites: Import your entire bill of materials for easier ordering.
- Quick Order Entry Form: Enter your part numbers for a faster checkout. No search, no fuss.
- Product Comparison: Choose up to four like products and compare specifications.

If you would like your personal tour of our shopping site e-mail us at sales@talleycom.com. For further information please contact your Talley expert or visit us at www.talleycom.com.

Anritsu Site Master Courses

You're invited to attend our upcoming Anritsu Site Master Certification Courses

Seats are filled on a first come first serve basis. Contact Talley at sales@talleycom.com to reserve your seat today. Visit the "News & Events" section at www.talleycom.com for updated workshop postings, agenda and registration.

San Antonio: July 20-21

Denver: October 12-13

Dallas: August 10-11

Kansas City: November 9-10

Los Angeles: September 7-8

Register to attend any of these classes by July and receive a Talley/Anritsu T-shirt!

Dallas | Kansas City | Los Angeles | New York | Phoenix | Sacramento | Seattle

CSI's Signal Booster Ready for a Band Change

In the 800 MHz SMR band, there are significant changes underway to enhance the reliability of public safety communication systems.

The most important detail is the FCC's mandatory 800 MHz SMR band realignment ruling concerning what channels public safety and Sprint Nextel must change to. The FCC has set aside a 3 MHz (821 MHz to 824 MHz) band for the exclusive use of public safety communications and labeled it "The National Public Safety Plan Advisory Committee" (NPSPAC).

Currently, NPSPAC band is now being relocated now to the lower end of the 800 MHz band. Commercially, Sprint Nextel who holds the 806 to 821 MHz and 851 to 866 MHz will need to be relocated to the space previously vacated by public safety (NPSPAC).

With safety standards growing stricter and the potential for a new public safety system, the challenge becomes finding a flexible solution that can meet these changing needs without an overhaul of the existing in-building communication infrastructure.



Given that, Cellular Specialties' newly released 700/800

MHz Signal Booster meets these challenges with its flexible banding options with easy installation and maintenance. The CSI-T51080-SP78 features dual SMR 800 MHz adjustable sub-bands, a compact NEMA Type 4 enclosure that meets NFPA regulations, and user friendly technology at an affordable cost.

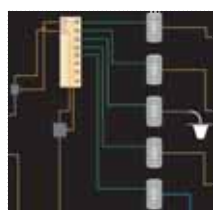
Product highlights include:

- 80 dB gain
- Frequency: 763-775/851-861; 866-869 MHz & 793-805/806-816; 821-824 MHz
- Adjustable 800 MHz Sub Band filters; 3 & 10 MHz
- Sharp SAW filtering reduces interference from competing signals

TALLEY ISO 9001: 2008



We are very proud to have met these standards and will strive to continue to improve in all areas of our company to retain our registration through the annual ISO review process.



Larsen's NMOHFGPS Mount

Combines GPS Functionality with Wireless Communication Capabilities

Larsen's new NMOHFGPS series mount combines the NMOHF (high frequency) mobile antenna mount with an integrated active GPS antenna in a single compact, rugged package.

With a broad operating frequency range of 27 MHz to 6 GHz, this combination antenna provides GPS coverage for vehicle tracking and location applications together with wireless voice/data coverage in a single package.

Pulse's NMOHFGPS series mount is aesthetically appealing with a small footprint and low profile, measuring only 4.5" long by 2" wide and just 0.7" tall. An input voltage of 3 or 5 volts DC provides compatibility with most commercially available GPS navigation systems. The integrated NMOHF mount provides superior impedance matching at frequencies above 1 GHz as compared to the industry standard NMO mount.

The NMOHF mount easily converts from low to high frequency by pulling the center pin and connector. Pulling the center pin creates a coax-type connection that is optimal for high frequency applications. A metal housing an IP65 rating enables them to perform in more ruggedized conditions. For more information, consult your Talley expert.





WHY NATE?

NATE has something for **EVERYONE** in the tower industry.

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and Climbers**

**Tower Owners
and Operators**

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and Distributors**

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Anritsu's New Handheld Analyzer

Anritsu's Next-Generation Compact Spectrum Analyzers

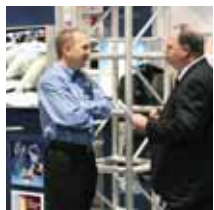
Anritsu's new MS2712E/MS2713E Spectrum Master™ handheld spectrum analyzers have been designed for technicians, installers, field radio frequency (RF) engineers, and contractors. Easy-to-use, integrated and high performing, the MS2712E/MS2713E help users address the challenges of tracking interfering signals and assess signal quality on a wide range of increasingly complex signals and more. Their feature-rich and compact design helps users comply with regulatory requirements, manage and maximize efficiency, improve system up-time and increase revenue all in a rugged and field-proven instrument designed to withstand even the most punishing conditions.



Covering the 100 kHz to 4/6 GHz frequency respectively, the MS2712E/MS2713E handheld spectrum analyzers deliver superior interference analysis capabilities and the ability to assess signal quality across a broad range of increasingly complex RF signals.

With a growing demand for coverage mapping solutions, Anritsu's Coverage Mapping measurements option (option 0431) provides wireless service providers, public safety users, land mobile radio operators, and government officials with indoor and outdoor mapping capabilities. The instruments have dynamic range of >95 dB in 10 Hz RBW, DANL of -152 dBm in 10 Hz RBW, and phase noise of -100 dBc/Hz max @ 10 kHz offset at 1 GHz, plus frequency accuracy < ± 50 ppb with GPS on.

This next generation of handheld spectrum analyzers is ideal for spectrum monitoring, interference analysis, RF/microwave measurements, field strength measurements, transmitter spectrum analysis, electromagnetic field strength, signal strength mapping, and overall field analysis of wireless signals.



For more information on Anritsu products, please contact your Talley expert or visit us at www.talley.com or call us at 800.949.7079.



Laird's Low-cost Rugged External GPS Antenna Solution

Laird Technologies designs and manufactures some of the most sensitive features a small footprint with a low profile (1.6" x 1.42" x 0.43"), making it a discrete and customize solution. The small package size, along with easy and low total-cost implementation, makes this antenna an ideal solution that meets automotive specifications focused on durability and quality for harsh vehicle environments.

With an RG-174 cable and multiple connectors available, the antenna can operate at either 3V or 5V. Current models include: GPS15MG-MMCX-M with an MMCX connector, GPS15MGSMA with an SMA connector, GPS15MGSM with an SMB connector and GPS15MGTN with a TNC connector. Grommet over mold allows for better cable stability with a rubber splint to route the cable directly in edge-of-roof applications. A magnetic or adhesive mount is also available.

Other features include:

- Center Frequency - 1575.42 MHz
- Gain - 26 dBi max
- Right-hand Circular Polarization
- Axial Ratio - 3 dB max (elevation = 90°)
- Noise Figure - 2dB max
- Current Consumption - 20 mA max



These antennas are used for over-the-road trucking, industrial and construction equipment, railway and marine transport, public and fire safety and amateur radio applications. Laird Technologies offers many GPS solutions. For more information on Laird products, please contact your Talley expert or visit us at www.talley.com.

WE DO MORE THAN JUST STEEL















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 CABLE ENTRY SYSTEMS
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We Do Cable & Accessories Just As Well.

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You Connect the World. We Make It Easy.

Transector's Surge Protection Solutions for PTC

To ensure the safety of trains, passengers and track workers as well as guarantee uninterrupted traffic flow, the US Rail Safety Improvement Act mandates the adoption of Positive Train Control (PTC) systems for 2010.

PTC is designed to provide safety by eliminating the elements of human error in responding to communication signals sent by wayside systems. Each PTC system is comprised of four components: GPS satellite data, locomotive based (onboard) equipment, dispatching office and wayside interface units.

Within the new PTC systems, demand for innovative and updated AC Panel Protectors and RF protection for Radios and GPS equipments is a must, as these are the go to choices for rail and transit communication networks. Through technology advancement of coaxial RF filtering, silicon, hybrid (silicon | MOV) and MOV technology, protection systems is now a reality with quicker reaction and safe operation for panel, signal line, data line, radio & GPS.



Positive Train Control (PTC) promises a new level of safety and efficiency for US railroads. To deliver on its promise, reliable data transfer must occur.

Continue on Page 10

Talley Offers Andrew Institutes

Has your certification expired?

Talley regularly provides two Andrew Institute classes; the Connector Attachment one day class and the Terrestrial Microwave Systems two day class.

The Connector Attachment class is limited to 15 people and can be held specifically for your company at a Talley facility or at your facility. The Andrew Terrestrial Microwave Systems classes are for a maximum of eight people. Talley can offer both these classes to you at a discounted price.

To register for these FREE classes (limit two per company), please visit our website at www.talley.com, under the "Workshop" section for registration and agenda information. You can also contact us at sales@talley.com for information on Andrew Institute classes and all Talley Solution Workshops.



2010 Class Schedule

San Antonio, TX: July 27 Los Angeles, CA: September 15-16
 Denver, CO: August 24 Casper, WY: September 21



Achieve New Heights in Network Capacity and Quality

with Innovative Antenna Technologies from Andrew Solutions

When it comes to your toughest network challenges, things are really looking up. From the smartest base station antennas to the most compact microwave backhaul systems, Andrew has industry-leading solutions that will take your network capacity and communication quality to the next level.

Our antennas deliver crisper, clearer call quality and more robust data—when and where you need it. They also lower your total cost of ownership. So you can achieve more with your network—today and tomorrow.

At Andrew Solutions, we have a passion for bringing you the world's most evolved antenna technologies. We're always gaining on the future.



Order by phone or online 24/7 from Talley.



READY TO DEPLOY TOMORROWS 4G MOBILE SYSTEMS?

WE ARE!

MECA HAS THE ESSENTIAL RF/MICROWAVE COMPONENTS NEEDED TO MESH LTE/WiMAX NETWORKS WITH EXISTING INFRASTRUCTURE.

Since the early days of Series I AUTOPLEX thru recent national deployments of UMTS and E-911, MECA has long been the "backbone" of high performance wired and air-interfaced networks for commercial wireless.

We continue to offer a wide variety of models specifically designed to mesh your next generation networks with existing infrastructure including **Attenuators, Bias Tees, Circulators, DC Blocks, Directional & Hybrid Couplers, Isolators, Power Divider/Combiners and RF Loads.**

MECA is one of few component manufacturers to be an approved source of supply to ALL major US / Canadian service providers because of our uncompromised reputation for delivering rugged and reliable components to the field on-time, every time!

Engineers, Product Managers and Equipment Installer alike trust MECA for critical projects and rely on our superior product performance and extraordinary delivery **(STOCK - 2 weeks ARO)** to stay on schedule.

We proudly offer a 36 month warranty on ALL of our American-made RF/Microwave components.

Are you ready to deploy tomorrows 4G mobile systems? **WE ARE!**



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THE FASTEST SOLUTIONS TO YOUR RF/MICROWAVE COMPONENT NEEDS



Redline's RedCONNEX™ AN-80i

Continued from Page 4

requirements for FIPS 140-2 security certification. In addition to meeting FIPS 140-2 compliance, the AN-80i product design covers an extensive set of security features for organizations with critical operations. Redline's 4.9 GHz AN-80i solutions provide up to 50 Mbps of Ethernet throughput in the 4.9GHz band with up to 108 Mbps in unlicensed 5.2GHz band on the same hardware. The solutions have been deployed at several public safety organizations ranging from local municipalities to military and government agencies.



Broadband Wireless Solutions for WiMAX Bands

Redline has drawn on its WiMAX expertise to deliver a high-bandwidth product for the 3.65 GHz WiMAX band. The 3.65 GHz MAX+ AN-80i has received FCC approval for deployment in the 3.65 GHz bands in the United States and is designed to comply with the FCC Part 90 rules for the full 50MHz of the band. Redline's 3.65 AN-80i was the first backhaul and premium access Ethernet product for this band.

The MAX+ AN-80i is optimized for backhaul and business grade access, respectively. The products will allow broadband wireless operators to take advantage of the special licensed status of the band for backhaul of their networks. Furthermore, the high throughput enables the delivery of premium services, commanding higher revenues per customer and a more rapid return on investment for the operator.



Mobile Mark's Omni-directional Antennas for WiFi networks

Not all WiFi Networks are the same, so it helps to have antennas with a variety of gains to provide just the right coverage. For omni-directional coverage, Mobile Mark offers several antenna choices to cover WiFi applications using 802.11a/b/g/n.

For WiFi networks at 2.4 GHz, Mobile Mark offers the OD Series Omni-directional antennas at 3, 6, 9 and 12 dBi gain. These heavy-duty antennas are designed for uniform coverage and excellent frequency response. The antennas are ground-plane independent and can be mounted either in-building or outside. The rugged radome also withstand harsh weather conditions.

For WiFi networks at 5 GHz, Mobile Mark offers the ECO Series Omni-directional antennas at 6, 9 and 12 dBi gain. These slim-line antennas are encased in an extremely tough fiberglass radome measuring less than one inch in diameter. The standard configuration terminates with an integrated N-female connector, but the antenna can also terminate with a direct connector, or a pigtail with a choice of connectors.



Mobile options, with a mag-mount or trunk-lid mount, are also available. For dualband applications, the new ECO5-2400/5500 Omni-directional Antenna provides 5 dBi gain on both: 2400-2500 MHz and 5150-5925 MHz. Both the OD Series and the ECO Series antenna lines are weatherproof and durable enough for either indoor or outdoor use. These antennas are suitable for single site applications or as part of a network of antennas. With more antenna choices, network development is easy and economical.

Call your local Talley Experts at 800.949.7079 for any questions you may have or you can visit our website at www.talleycom.com for your online purchases.

MOBILE MARK®
COMMUNICATION ANTENNAS



Transector's Surge Protection Solutions for PTC

Continued from Page 7

One component of ensuring the uninterrupted data transfer is surge protection, which has to meet new demands as the components of PTC continue to advance in sensitivity and complexity. Several new technologies are available to effectively and reliably protect mission critical rail systems from transients. Contact Talley's surge protection specialist to assist you in determining a solution for positive train control.

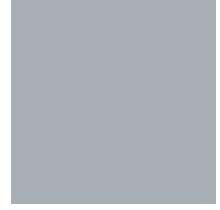


A three-port circulator with one of its ports terminated with its characteristic impedance?

- A. Waveguide C. Isolator
- B. Gain D. Doppler Effect



The first 20 correct answers will receive a free Talley gift. See the next issue of the Talley Sheet for the answer to the above question. Please submit your answer via e-mail to sales@talleycom.com.

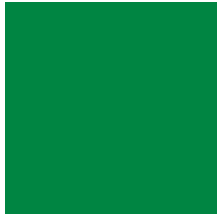


The correct answer for Talley Trivia Q2 was D: QAM



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Bridgewave's Connecting Colleges

High Performance Campus Network Connectivity Solutions

Colleges and universities have always been at the forefront of utilizing high-speed wireless technologies in their networks. The prevalence of multi-building campus settings and the regular need to quickly and economically connect off-campus buildings into the core LAN drives the use of high-capacity point-to-point wireless links.

Students and faculty require seamless access to network resources while bandwidth intensive images and research data call for high-speed campus WAN connections. In addition, the widespread use of Wi-Fi access points and WiMAX nodes, along with IP-based security cameras across the campus, drives the need for capacity that can be quickly and flexibly deployed and upgraded.



BridgeWave's wireless links offer a 'future-proof' solution, providing full-rate, full-duplex GigE transmissions for a scalable, expandable backbone to support existing and growing networking needs. BridgeWave's solutions deliver fiber-like performance required for educational applications without the performance price associated with lower-frequency alternatives.

BridgeWave's 60 GHz and 80 GHz point-to-point wireless systems yield significant return on investment compared to leasing or trenching fiber, an important consideration when IT budgets are under the microscope.

With successful installations in over 120 universities worldwide, BridgeWave Communications is the leading supplier of multi-gigabit wireless connectivity solutions. BridgeWave's solutions are ideal for a wide range of higher education applications such as:

- Deliver the high performance required for seamless campus connectivity
- Provide secure and scalable network infrastructure for high bandwidth applications
- Serve as leased line replacement for rapid ROI

Call your local Talley Experts at 800.949.7079 to purchase this high performance network connectivity product today. You can also visit our website at www.talleycom.com for all your online purchases.

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ICT's Redundant Power for Mission Critical Needs

When you have mission critical power needs whether it's repeaters, trunked radios, broadband equipment or security systems, consider the new N+1 Redundant Power Series from ICT. For the utmost in reliability and redundancy, ICT has taken its proven reliable, high-efficiency switch-mode designs into the mission critical arena with a line of rack mountable N+1 redundant power supplies for the most demanding of applications.

The ICT Redundant Power Series is designed with active current sharing technology that distributes the load current among up to four modules in a single 2U chassis. This reduces stress on individual components while significantly increasing reliability.



ICT's N+1 systems are available from 35 to 140 Amps depending on the output voltage selected. These systems are manually switchable between 120 and 220 VAC input and can be ordered with an output voltage of either 12 or 24 VDC. Each version comes standard for 19" rack mounting. Battery back-up terminals are provided as a standard feature for additional functionality.

Other standard features include system monitoring outputs for power status, system temperature, analog DC output current, fan status and AC fail.

Combined with the ICT Distribution Series load distribution panels, the N+1 Redundant Series power supplies from ICT are perfectly suited for your site equipment needs.

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Trade Shows

July 18-20	AZ APCO	Litchfield Park, AZ
August 2-3	International APCO Conf & EXPO	Houston, TX
September 8-9	ENTELEC	Denver, CO

Talley will hit the road for more than 20 trade shows in 2010. For an updated list of trade shows that Talley will be exhibiting in, simply log on to our website at www.talleycom.com and click on the "News & Events" tab on our website.

If we are able to provide free or discounted show passes they will be posted here as well. We hope to be in a city near you soon!

