

Prime Connection

1Q 2025



PRIMUS

The Difference in Wireless Distribution

Primus
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Morris, IL 60450

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Office Hours

Monday - Friday

7 am - 6 pm

Pickup Hours

Monday - Friday

7 am - 6 pm

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Proudly serving our customers since 1980.
Privately held and proud of it.
President – Michael A. Johnson



Trade Shows & Training

TRADE SHOWS

NATE 2025 - February 17-20, Raleigh, NC
IWCE 2025 - March 17-20, Las Vegas, NV

TRAINING

Anritsu SiteMaster™ Certified Line Sweep Training 2-Day Course, \$1,395 pp
Anritsu PIM Master™ Certified PIM Training 1-Day Course, \$1,395 pp
CITCA Authorized Climber
CITCA Tower Rescue & Competent Climber
CITCA Train-the-Trainer
CommScope, ComStar, ODM Fiber, EXFO, Harger, Bird Technologies, JMA, and Kaelus Trainings available upon request.
Visit primuselectronics.com or contact Training with Primus at (800) 435-1636 or training@primuselectronics.com for more information and registration.

Prime Connection is published as a corporate communications magazine for customers and friends of Primus. The magazine is published by the Primus Marketing Department at 4180 E Sand Ridge Road in Morris, IL. To receive an email notification stating the release of the next newsletter, please email marketingdept@primuselectronics.com or call (815) 267-7402.

7dBi 450-470 MHz

New YAGI

EM-BY11407-NJ

EMWave INC

- Fully Welded Aluminum Construction
- UV and Environmentally Resistant Black Poly Coat Finish
- Radiators: 3/8" 6061 Aluminum Solid Rod
- Integrated Low Loss Feeder Cable
- Boom: 3/4" 6063 Aluminum
- V or H Polarization Mountable

PRIMUS

For pricing and availability please contact (800) 435-1636 or sales@primuselectronics.com

SUBSCRIBE TO PRIMUS

Click [HERE](#) to receive email updates from Primus and to make sure you don't miss a quarterly newsletter! We do our best to make it easy to learn about the latest developments and industry trends!

NATE UNITE 2025

This year, the National Association of Tower Erectors (NATE) held in the great city of Raleigh, NC was special. This year marked 30 years of dedication to the tower and communications industry by this great organization. Primus was honored to be a part of this historic milestone. Held from February 17-20th, 2025, at the Raleigh Convention Center, Sharon McDonald, Jake McNamara, and Joe Condon represented Primus.

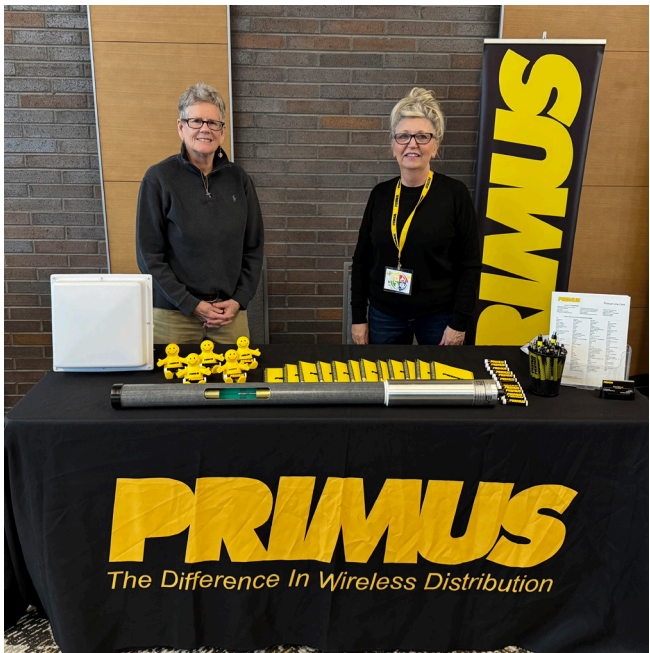
The team had the great honor of representing Primus, recognized for being one of the original exhibitors, dating back to the very first NATE conference held in Dallas, TX. In great company alongside other historic members, we accepted a beautiful award and recognition on the second day of the show.

Although the weather was not in our favor, with snow and wet conditions rolling in throughout the first night of the show, that did not stop the NATE faithful, as we still had a remarkably successful show. Meeting with old friends and fresh faces alike, it was truly a wonderful opportunity to catch up with friends and family within the industry.

As NATE reflects on a three-decade run of education, innovation and progress, the organization clearly remains focused on raising awareness and keeping the highest standard of safety possible within our sector. We look forward to NATE 2026 at the Caesars Forum in Las Vegas, Nevada. Mark your calendars and come back to meet with your favorite distributor, Primus!



MICHIGAN INTEROP 2025



Michigan Interoperability Conference March 4th-5th, Muskegon, MI

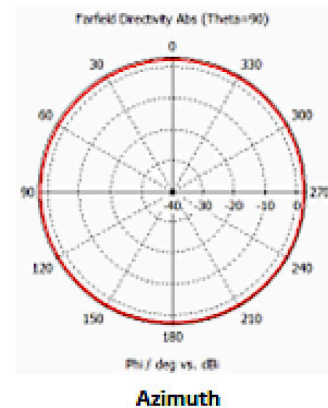
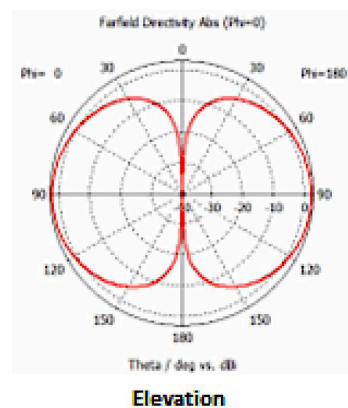
Sharon McDonald represented Primus along with Pam Gallagher of Alive Telecom. The volume of attendees and exhibitors continues to grow with each year. It was great to engage in discussions with both current and potential customers on our materials and service offerings. We had showcased Alive Telecom antennas which drew interest as to the different options that are available for various applications for public safety.

Thank you to everyone who stopped by to visit with us and learn more about Primus!

We're proud to continue our participation and supporting this event, look forward to next year!

EMR CORP.

EMR150FC2 Base Station Antenna



The EMR150FC2 is a vertical base station antenna covering the 144-174 MHz band. This antenna offers a stable radiation pattern across the entire band. The antenna is enclosed in a heavy-duty fiberglass radome and has a fixed N type female connector.

KEY Features

- Frequency of operation: 144-174 MHz – Full band
- At 50" in height, takes up very little real estate on a tower
- Lightweight – 12.8 lbs.
- DC Grounded
- Perfect for Public Safety, FEMA, DHS, Railroad, LMR, Utilities, Amateur Radio, Civil Air Patrol, Marine, and ENG quick-erect systems
- Ships UPS or FedEx



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TIMES
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LMR
CABLES • CONNECTORS • TOOLS • ASSEMBLIES

The Tower King!

The LMR® cable solution from Times Microwave Systems offers a complete line of highly flexible, rugged, low-loss braided cables with the fastest, easiest connector installation available. LMR cables provide superior performance compared to RG and competing coaxial cables of similar size.

- Flexible, rugged, low loss coaxial cable
- Compatible with Advantage® EZ Connectors, LMR® Tools & Accessories
- UV Resistant, Fire Retardant
- Manufactured in the U.S.A



Competing cables may lack UV resistance

Competing cables do not provide the flexibility and ease of termination as Times Microwave LMR® cables do

With superior performance, reliability, and durability, LMR® coaxial cable assemblies always rise to the top of the tower

Competing coaxial cables don't reach the top with their high loss and poor quality cable

**Click on the page
to view LMR on
our website**

• THE LEADER • THE ORIGINAL

LMR® is a registered trademark of Times Microwave Systems

RFI - Site Vantage™

132-960MHz - SV1396



Site Vantage™ features enhanced and modern hardware and software architecture designed to support new innovative RF monitoring capabilities. These include, but are not limited to, fast monitoring of forward and reflected transmitted power per channel, measuring Tx to Rx antenna isolation, and monitoring Rx RSSI levels for up to 80 channels. Site Vantage™ also boasts a broadband monitoring capability, allowing for RF monitoring in dual or multiband sites using a single device.

With three separate forward and reflected paired power inputs, as well as three separate receive monitoring inputs, the Site Vantage™ enables monitoring of multiple transmit combiners and antennas, while also supporting Rx diversity systems or a standalone monitoring antenna, all within one device.

The advanced architecture paves the way for the addition of even more advanced software features in the future, enabling automated periodic RF site maintenance and facilitating remote troubleshooting and fault finding.

Whilst Site Vantage™ is compatible with the existing Site Alarm Module (SAM), it also features on-board analogue and digital Inputs as well as Alarm outputs.

Furthermore, the Graphical User Interface (GUI) has been completely overhauled to enhance the user experience through ease of setup and improved data visualizations.

RFI - CC807 SERIES

7/800 MHz Corporate Collinear Antennas

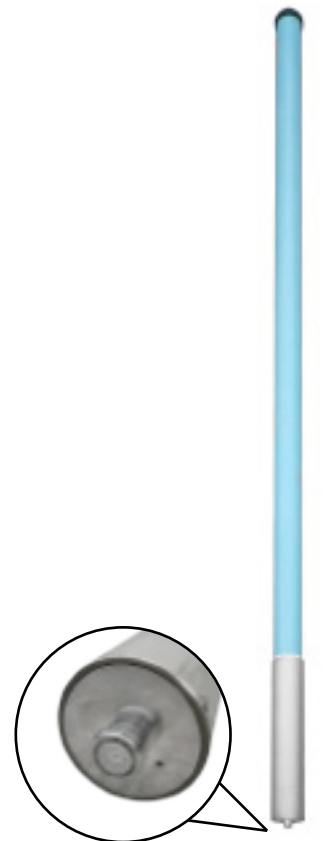
These industry leading PIM and PIP rated collinear arrays allow site operators to combine, with complete integrity, a large number of communications services into a single, low profile collinear antenna array.

The true corporate feed of these arrays maintains total pattern integrity over a very broad operating bandwidth, similar to that previously available only in exposed dipole configurations. This is now achieved in the preferred form factor of a fully enclosed fiberglass radome. The corporate collinears employ a unique corporate phasing system enabling precision control of the element placements ensuring phase purity resulting in exceptional bandwidth and electrical performance .

Gain is maximized and side lobes reduced dramatically. In a patent pending design approach the individual dipole elements including matching network are fabricated entirely of a flexible circuit board. The dipole elements are soldered to a brass support tube which is directly connected to the mounting tube and the lightning spike at the top of the antenna.

The result of this unique, incredibly strong design is:

- Peak Instantaneous Power rating (PIP) 25 kW
- Passive Intermodulation rating (PIM) -150 dBc
- High continuous power rating
- Extraordinary bandwidth characteristics with superior pattern control
- Field invertible (most models)



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G-WAVE - 1-BOX™

BDA, Battery Back-up, & Annunciator in a Single NEMA 4X Enclosure

1-BOX™ 700/800 MHz, Battery Back-up & Annunciator in a Single NEMA 4X Enclosure



The 1-BOX™ Emergency Responder Communications Enhancement System (ERCES) is a cutting-edge solution designed to enhance and extend in-building wireless communication capabilities for First Responders. 1-BOX™ offers powerful bi-directional amplification and gain control features, it optimizes signal strength for both uplink and downlink transmissions and hosts battery back-up capabilities in a single enclosure. The 1-BOX™ ERCES is FCC-certified, compliant with the latest NFPA and IFC code regulations, and equipped with oscillation detection and visual/audible alarms via the internal annunciator. Easy to install and boasting a sleek design, 1-BOX™ is an essential component for ensuring reliable and compliant wireless communication in buildings, meeting the highest industry standards. 1-BOX™ is designed, engineered and built in the USA.

1-BOX™ UHF 380-512 MHz, Battery Back-up & Annunciator in a Single NEMA 4X Enclosure



Standard Features

- This product complies with FCC requirements.
- GUI, Monitoring and Gain Control Via RJ45.
- NFPA/IFC Compliant Local Alarming with dry contacts.
- Oscillation Detect, Display and Auto Shutdown of Amplifiers.
- Built-in visual/audible Annunciator
- Built-in 12-Hour or 24-Hour Battery Back-Up
- Supports up to 4 external annunciator panels.

Click on the product image for more information on our website



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