

Prime Connection

1Q 2024



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- G-WAY/AMERICAN BUILT DAS
COMMITMENT TO EXCELLENCE

PRIMUS

The Difference in Wireless Distribution

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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 - February 19-22 - Memphis, TN - Booth 604
IWCE - March 25-28 - Orlando, FL - Booth 541

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.

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Portable Antenna with GPS Dual Band VHF/700-800 MHz

EM/WAVE

- 136-174 MHz / 762-870 MHz / with GPS!
- OEM Replacement Designed & Engineered For Durability & Superior Performance
- Flexible, Fully Molded & Weatherproof UV Resistant TPE Elastomer Construction
- Improves Signal Radiation & TX/RX Performance in 700/800 MHz Band

EM-PG94202-SF
(SF Connector)



Motorola™ APX™ Series Replacement Portable Antenna



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 2024



Another successful conference in the books for NATE UNITE 2024. This year's event was held at the Renasant Convention Center in the historic city of Memphis, TN.

The lively culture surrounding the event included blues, BBQ, and plenty of familiar faces. Primus was thrilled to be a part of this year's gathering.

With a great blend of educational sessions, informative speakers and innovative products on display, the conference had something for everyone in attendance.

Primus was proudly represented by Doug Melander, Sharon McDonald, Jake McNamara, John Moe and Joe Condon. This dynamic team brought energy, excitement, and a warm welcome to everyone who stopped by the Primus booth. The

team was thrilled to unveil yet another new design for our yearly Primus T-shirts. This time around, we switched it up and went with an unprecedented, black long-sleeve design!

Adding to the buzz around our new shirt, was a harness raffle partnering with our great friends at Elk River. We collected over 500 entries for the contest! Our lucky winners were awarded an industry favorite, PeregrineRAS Platinum harness after the show.

To everyone involved in the organization of such a prestigious conference and association, we at Primus extend a very heartfelt thank you! We appreciate every one of you who stopped by to chat with our team. It is always nice meeting with old friends and making new ones along the way! We look forward to yet another great show in Raleigh, NC in 2025!

Contributed by - Joe Condon



COMMSCOPE®

PIM-Guard™ Polymer Cable Support Brackets

HOW CAN YOU MITIGATE PIM PERFORMANCE ISSUES? GET PRO TIPS IN OUR COMMSCOPE Q&A

Passive intermodulation (PIM) is a potential headache for every network operator. It happens when multiple signals combine to create interfering frequencies that can impact your network capacity. Every connection and interface on your tower can be a source of PIM, but metallic cable supports can be especially vulnerable. So how can you solve the issue? Find the answers you need in CommScope's informative Q&A, "Is PIM holding you back from maximum performance?"

CommScope delivers RF performance without compromise. PIM-Guard™ polymer cable supports were designed to help you minimize PIM risk. The innovative all-resin design delivers interference protection where it is most needed—in the high-risk zone around the antenna. So you can maximize network performance with the latest PIM-fighting technology.

CommScope's PIM-Guard polymer cable support brackets are part of our complete, end-to-end Outdoor Wireless Network portfolio. To learn more about PIM-Guard, visit our website www.primuselectronics.com or contact your local Primus representative today.

[Link to Q/A!](#)

[Click Here to view on our website!](#)



SURECALL

FUSION2GO XR

High-Performance Cell Phone Signal Booster for Car, Truck or SUV

Boost 5G and 4G LTE cell signals inside your vehicle and enjoy maximum connectivity while traveling through challenging signal areas with the Fusion2Go XR cell phone signal booster from SureCall. The SUPERCHARGED Fusion2Go XR booster features the highest transmit power with UPGRADED magnet-mount rooftop antenna and interior antenna to help keep you connected to distant cell towers. Reliably make calls, text, email, stream videos and music and browse the web in remote areas - even at the very edge of the network.

The high-performance booster system improves cellular signals for multiple devices inside any car, truck, van, or SUV. Fusion2Go XR boosts voice, text, and data speeds on all 5G and 4G phones for all US carriers including Verizon, AT&T, T-Mobile, Straight Talk, US Cellular and more. Enjoy more consistent signal and extended range in weak signal areas for faster downloads, longer battery life, and easier streaming on all cell phones and cellular enabled devices.

- Boosts 5G and 4G LTE voice, text, and data speeds for all users inside any car, truck, or SUV
- Works with all US cell carriers, including Verizon, AT&T, T-Mobile, Straight Talk, US Cellular and more
- Supports multiple simultaneous devices, including hotspots, while extending their battery life
- SUPERCHARGED signal booster with upgraded exterior and interior antennas that deliver maximum performance for Extended Range while traveling in remote areas
- Maintains cellular connectivity in the weakest signal areas for fewer dropped calls, improved call clarity, and faster data speeds for a more reliable audio and video streaming experience
- Durable, weather-tested components are made to last and protected from water, dust, and road grime
- Designed, assembled, and tested in the USA. Includes lifetime 100% US-based tech support and industry leading 3-year warranty

For further questions about the Fusion2Go XR please contact a Primus Sales representative at support@primuselectronics.com or 800-435-1636.



Key Specifications

Uplink Frequency Ranges (MHz):	698-716 / 776-787 / 824-849 / 1710-1755 / 1850-1915
Downlink Frequency Ranges (MHz):	728-746 / 746-757 / 869-894 / 1930-1995 / 2110-2155
Supported Standards	5G, 4G, LTE cellular standards
Max Gain:	50 dB
Gain Adjustment:	20 dB (Automatic)
Max Uplink Power:	29.0 dBm
Power Consumption:	≤12W
VSWR:	≤ 2.0
RF Connectors:	FME Male (both ends)

- Patent No. US 8,867,572 B1; US 9,100,839 B2

JPS Interoperability Solutions

JPS Interoperability Solutions believes in quality customer service, reliable products, and trustworthy industry knowledge. That's why JPS is excited to be working with Primus Electronics as a distributor for its communication interoperability gateways and analog voter lines of equipment.

Originally founded in 1988 with the humble goal of selling ancillary products to any and all HF radio manufacturers, JPS soon became a global leader in the communications industry. With a JPS gateway like the ACU-1000, disparate radios could be patched easily, making it possible for multiple agencies (such as police and fire) to coordinate when responding to an emergency. As technology and communications types, services, and customer needs have expanded, so have JPS' gateway capabilities. Radio, Radio over IP (RoIP), SIP, Push-to-Talk over Cellular (PoC), RTP and more can interface easily using the modern Z-Series.

Did you know JPS engineers invented Radio over IP (RoIP)? (You may view an interview with beloved JPS engineer Doug Hall, "Exploring the Origins and Advantages of Radio over IP (RoIP)" on YouTube if you're curious.)

Nearly ubiquitous today, RoIP was a real game changer for the entire industry. Finally, radio traffic could be digitized and transmitted anywhere in the world over a network connection.

Proprietary JPS analog-to-digital and digital-to-analog technologies like RoIP continue to allow users to connect radios to any type of communications device (cell phone, desk phone, desktop console, etc.).



Todd Dixon (President - JPS) and Rob Menees (Vice President, Sales - Primus)

The versatility these modern technologies provide offers support for any number of end-user applications, regardless of size, distance, or brand. Doggedly agnostic – meaning JPS does not have a preferred radio maker, device, or app – and solutions-driven, even the smallest of JPS' modern, multi-channel gateways includes the full complement of built-in features and capabilities end users need today.

Headlining the Z-Series for its affordable versatility, the RSP-Z2 is a great example of a JPS product designed and built for customers. Whether it is being used as a standalone repeater, a pair of radio to PoC talkgroup links, a SIP or RTP recorder stream, a talkgroup monitor, or as a distributed system managed by a Z-Series Controller, the RSP-Z2 is ready and able. Although it is small enough in size to be part of a tactical package, the RSP-Z2 offers a large feature set that makes it customizable to any number of use cases.

Whether someone is only just getting started or needs to fill a gap in an existing system, JPS provides its customers with support and software updates for the product's lifetime, with no additional fees. That's just one more way JPS continues to provide best-in-class audio interoperability.

For more information about JPS, contact a Primus Sales at support@primuselectronics.com or 800-435-1636.



Click Here to view JPS products on our website!

G-Way/American Built DAS Commitment To Excellence



Our reputation is that of a strong provider of American-built ERCES and Cellular DAS, specializing in cutting-edge custom solutions. G-Wave is not only a leader in innovation but also a steadfast advocate for American manufacturing and safety standards.

In-house R&D + Made in the USA (Buy American Compliant)

By conducting all engineering and manufacturing processes internally at our New Jersey facility, G-Wave proudly achieves a 100% American-built status. This unique approach grants us unparalleled flexibility, allowing us to accommodate even the most intricate configurations—a level of adaptability often absent in other OEMs

Best-in-class Manufacturing

- Custom power options from 10th a watt to 5 watts
- Custom gain options ranging from 0 to 90 dB on both uplink (UL) and downlink (DL)
- Filtering spacing capabilities down to 140 kHz
- Full range provider (700, 800, 700/800, 900, UHF/VHF), Fiber, accessories.

Certified Integrator Training



Become a National G-Wave Certified Integrator!

- National Code Updates
- Complete Site Survey
- Product Specs and System Design
- Installation, Configuration and Commissioning
- FCC Registration Process

For more information contact a Primus Sales representative at support@primuselectronics.com or 800-435-11626

Testimonial

"I've worked with most of the manufacturers out there and G-Wave's product is superior! They use higher quality products than the competition, and their products last longer. Their boosters are still going when others have long failed! This speaks to their commitment of building top quality American built products. To me it's a confidence issue knowing each product is built well, less truck rolls and the customer's money is invested into the best product money can buy."

DAS Solutions



VHF, UHF, 700, 800
900 Mhz



Fiber



Battery
Backup



Cellular DAS Systems &
Accessories



Military Power Amplifiers
and RF Filters



Amplifier Rack
System

