



Hitachi Kokusai Electric Comark Announces the EC702MP-BB3 and EC704MP-BB3 Air-Cooled Transmitters

Southwick, MA, May 28, 2020 – Hitachi Kokusai Electric Comark LLC (hereinafter “COMARK”), a manufacturer and supplier of DTV transmitters, encoding systems, and associated field services for over 45 years, has announced the introduction of the ***E-Compact*** EC702MP-BB3 (250W) and EC704MP-BB3 (500W) series high-efficiency air-cooled solid-state UHF DTV transmitters. These transmitters are being released specifically for requirements of the LPTV repack market.

These two new models, EC702MP-BB3 and EC704MP-BB3, now feature the latest asymmetric broadband Doherty LDMOS amplifiers (the same device as the award-winning PARALLAX® series liquid-cooled UHF transmitters). The amplifier technology allows power efficiency of up to 44%. In addition, these “BB3” models both utilize dual, commercial off-the-shelf AC to DC rectifiers for their power supply system, which utilize a front panel plug-in connection for quick service. Customers can either mount the transmitter in their existing equipment rack cabinet or an optional 10RU rack supplied by COMARK.

The air-cooled PA design includes automatic cooling fan speed control that provides lower acoustic noise levels during operation. The transmitters include a built-in web-GUI and SNMP for remote control and monitoring. The ***E-Compact*** also features EXACT-V2 IP Optimized DTV excitors with DualCast technology and is easily upgraded from ATSC 1.0 to 3.0, protecting your investment today for use tomorrow.

The ***E-Compact*** family is compact and rugged, perfectly suited for broadcasters looking to replace their current older and less efficient equipment or for future ATSC 3.0 SFN systems.

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News Release

About Hitachi Kokusai Electric Comark LLC:

For over 45 years COMARK has been synonymous with broadcast expertise and innovation. A trusted partner to the world's leading broadcasters, COMARK has pioneered many developments that have shaped the industry, leading innovation in IOT & MSDC-IOT technology, transistorized solid-state technology, Digital Adaptive Pre-correction (DAP), and also winning multiple Emmy® Awards; and gaining numerous patents in technologies that have become fundamental to broadcasting. COMARK is now building on this great heritage with the release of an entire new range of transmission products for terrestrial television broadcasting, and state-of-the-art products for scientific/industrial RF applications. With thousands of active COMARK transmission systems deployed worldwide and a global support presence, COMARK plans to lead the way in developing technologies for the future, with efficiency and performance initiatives for improving coverage and saving power.

Emmy® is a registered trademark or trademark of The National Academy of Television Arts and Sciences, Inc. and Academy of Television Arts and Sciences Corporation.

Information about products from COMARK is available at www.comarktv.com.

Contact:
Joseph Turbolski
VP of Sales & Marketing
Tel: +1 413 998 1100
Email: jturbolski@comarktv.com