IBC2015 Stand 8.B96

Jampro Extends Antenna Line With Two New Additions at IBC 2015

Manufacturer to Address Global Market with Full Range of DAB Filters, Combiners, Antennas, and Broadband Solutions

Sacramento, CA USA (July 15, 2015) Jampro Antennas, Inc. — a world leader in the manufacture and design of antennas, combiners & filters and RF components for every application in radio and television broadcast including DTV, DVB-T, FM and HD Radio solutions — is extending its popular line of antennas with the introduction of two new FM models, which will be on display at its Stand 8.B96 at this year's IBC Show in Amsterdam. The company's 3-element Yagi antenna and a Band II folded dipole unit are the newest additions to Jampro's wide range of antennas that will be shown alongside the company's full line of products — including DAB Combiners, Bandpass Filters, Mask Filters, and popular broadband solutions that can be found in more than 25,000 broadcast installations worldwide.

"Jampro has worked hard to build a solid reputation for meeting the needs of every individual broadcaster," says Alex Perchevitch, Jampro president. "With that said, we are delighted to introduce at this year's IBC our two new FM antennas to radio broadcasters that deliver economical, practical and high-quality solutions for the global market, along with our filters and combiners. Jampro provides high-quality, competitively priced solutions, and the new models certainly live up to our customer's expectations. We're excited that IBC attendees will be amongst the first to see these new antennas as they are introduced to the European market, as well as our many other solutions."

NEW

J3YF 3 Element FM Yagi Antenna

The new Jampro J3YF 3-element FM Yagi antenna line is available in two models suitable for medium and high power FM stacked array accommodating bands from 87.5 – 108MHz. These directional antennas can be used in vertical or horizontal polarization to set up systems having directional, semi-directional and Omni directional diagrams. The units are produced from hot-galvanized steel and are delivered with pipe mounting for both horizontal and vertical polarization.

Jampro JFWD Band II Dipole Antenna

Jampro is also introducing the JFWD Band II Folded Dipole antenna. Available with 1 to 8 bays, the JFWD has a frequency range of 88 – 108MHz with vertical polarization and maximum power of 300W.

DAB SOLUTIONS

RCCC-DT4-DAB Combiner

Backed by years of proven service throughout Europe, Jampro's RCCC-DT4-DAB filters and combiners are being showcased at IBC. The extremely stable and easy-to-tune units meet all the requirements of the Eureka 147 specification and satisfy individual broadcasters' requirements. Filters with up to 8 sections in constant impedance and reflective configurations have been supplied in systems requiring stable group delay and rejection

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characteristics. The RCC-DT4-DAB units are ideal for combining with existing TV transmitters in an existing VHF antenna.

RCEC-XXX-DAB VHF Band III DAB Mask Filters
Jampros's RF System Series RCED-XXX-DAB Reflective Bandpass Filters are designed to provide superior mask performance for low and medium power DAB transmitters. Passband insertion loss is minimized by the use of high-Q aluminum cavities. Temperature stability is maintained through tight manufacturing techniques and Invar tuning rods. These mask filters are designed for input power levels up to 4.5kW. The 6-section cross-coupled filters are shipped fully tested.

RCBC-D06-DAB Bandpass Filter
The RCBC-D06-DAB bandpass filter is designed to provide superior performance at an affordable price. Invar tuning rods create temperature stability and the high-Q aluminum cavities provide low passband insertion loss in a compact package.

JVD Vertical Polarized Side-mount Antenna
The JVD dipole side-mounted antenna is ideal for DAB Band III and TV broadcasting applications where low wind loadings are required. Designed for vertical polarization, the antenna's rugged galvanized and stainless steel construction insures many years of dependable performance, even in the harshest environments. Protective lightweight radomes can be added to protect against heavy ice build-up, and custom mounting brackets are optional. A corporate pressurized feed system is also available.

ANTENNA HIGHLIGHTS

UHF Broadband Panel Antenna for All Polarizations
Jampro's UHF Broadband panel antenna is available for Bands IV & V in all polarizations: CPOL, EPOL, HPOL and VPOL. The antenna is designed as either a side-mount or a top-mount for DTV, ISDB-T, DVB-T/H, NTSC or PAL broadcasting.

JVD-U and JCD-U Broadband UHF Broadband Antennas
Now available for both VPOL and CPOL polarization the JVD-U and JCD-U broadband antennas for UHF Bands IV & V, these antennas were designed as low to medium power solutions, with a special focus on rooftop deployment. The antenna is a vertically or circularly polarized system enclosed by a full cylindrical radome for environmental protection and minimal urban visual impact. The antenna is broadband over band IV/V allowing multiple UHF channels to be transmitted at the same time. Ruggedly constructed from marine brass and aluminum and designed for long life and value, this antenna is ideal for DVB-T2 (ISDB-T or ATSC digital TV application) channels. The antenna is fully assembled and tested before shipping to the customer.

JAT-U UHF Super Turnstile Antenna
Jampro's Broadband Batwing IV/V 470 – 860 MHz Antenna has many outstanding features that bring great value to today's broadcaster. The radome-enclosed unit can be either top or side mounted on a tower offering long life and many years of continuous service, ideal for broadband multi channel UHF applications. Minimum windloading while providing broadband response makes the JAT the perfect answer for applications where either one channel is defined, or multiple channels are combined.

Prostar JA/MS-BB Broadband UHF Slot Antenna
Jampro's JA/MS-BB Broadband UHF Slot antenna, part of the legendary Prostar™ line, offers an economical alternative to buying, installing and maintaining multiple antennas. A single, compact solution, it conserves tower space and minimizes wind loading. Especially designed for multi-channel or combined-channel operations in analog-analog, analog-digital or digital-digital TV applications, the JA/MS-BB antenna comes factory tuned in an elegant, ready-to-install and streamlined design.

Jampro Family of RCEC Mask Filters
Jampro offers a family of RCEC mask filters designed to provide superior mask filter performance at an affordable price. Cross coupling creates steep rejection skirts and the high-Q cavities provide low pass band insertion loss in a compact package.

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Models include:
RCEC-386-UM – 5kW AVG, UHF 8”/203.2mm mask filter ATSC/DVB-T/ISDB-T
RCEC-206-UMFB – 2.5kW AVG, 6-section cross-coupled UHF DVB-T non-critical mask filter
RCEC-#F6-UM – 500W, UHF 4”/101.6mm mask filter ATSC/DVB-T/ISDB-T
RCEC-DT6-UM – 250W, UHF 2”/50.8mm mask filter ATSC/DVB-T/ISDB-T

About Jampro
Jampro Antennas Inc., established to answer the need for quality broadcast systems at a reasonable price, is a leading supplier of antennas, combiners & filters and RF components for every application in the broadcast industry. Reputed for innovation and customization, Jampro builds each system to the specifications of the individual broadcaster. From the first system delivered in 1954 to those installed today, the Company is committed to consistent performance and quality founded on solid engineering. Today, over 25,000 broadcasters worldwide benefit from the quality and performance provided by Jampro systems. For additional *JAMPRO* information, please visit: www.jampro.com .

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