

Cable AML News

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MVS TELEVISION SELECTS CABLE AML FOR WORLD'S LARGEST BROADBAND MMDS DEPLOYMENT

MVS Comunicaciones, the world's leading MMDS operator, has initiated deployment of Cable AML's broadband MMDS systems to deliver high-quality TV service to millions of potential subscribers in several cities in Mexico.

MVS holds the MMDS (2.5 - 2.686 GHz) spectrum covering 70% of

Mexico's 97 million residents and is implementing a 12-city nationwide roll-out throughout Mexico.

"Mexico is the largest MMDS market in the world, and MVS is the largest MMDS operator in the world today" stated Ernesto Vargas, President of MVS Television. "We selected Cable AML's

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Broadband MMDS systems ready for shipment to MVS of Mexico.

ADELPHIA UPGRADES MICROWAVE LINK

Adelphia's Cable System This 16-mile (26 Km) link was recently upgraded to a full wireless HFC extension, using a pair of TRX18-002 transceivers operating in the 18 GHz frequency band. AML.

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Richard Smith, Ruben Ponce and Juan Gonzales from Adelphia's Yuma Cable System during system training at Cable AML.



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SAN LUIS COLORADO LAUNCHES NEW MMDS SYSTEM

A 31-channel MMDS service was successfully launched in San Luis Colorado, Sonora, Mexico. The state-of-the-art system was designed and manufactured by Cable AML. It includes a 31-channel headend with addressability integrated with a high power broadband transmitter.

RioVision, who built a brand new building in the center of the city to house the headend and the transmitter, provides the MMDS service. The system is reporting a very successful launch, adding new customers at a very high rate. ✦



Employees of RioVision in San Luis Colorado pose next to the new building housing the Headend and Offices of the RioVision, new MMDS company.

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MMDS transmitters because of their proven performance and their superiority in the areas of critical concern to us, namely coverage, capacity, and capital cost.”

MVS has expanded MMDS coverage in 9 cities: Acapulco, Culiacan, Durango, Hermosillo, Mazatlan, Mexicali, Morelia, Poza Rica y Tijuana.

By employing a modular design, Cable AML's broadband MMDS transmitters can be easily tailored

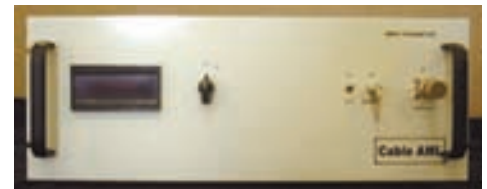
to match different output power requirements for different markets. By incorporating state of the art linearization and frequency locking technology, the transmitters deliver a high quality signal providing complete high quality coverage over wide metropolitan areas. ✦



Broadband MMDS System installed at MVS, Mexico

MMDS TRANSMITTER FOR THE 2.7-2.9 GHz BAND

Cable AML has delivered a broadband transmitter in the 2700 to 2900 MHz, which is the band adopted for MMDS service in India. The transmitter has a capacity of 26 standard PAL channels (from Channel S11 to Channel S36). ✦



2.7 - 2.9 GHz MMDS Transmitter

Adelphia from page 1

The upgraded system expands the downstream path to 550 - 750 MHz and provides a 5 - 42 MHz upstream path for cable modem return signals.

The wireless HFC extension crosses the Colorado River at one of its widest points. “The Cable AML dual-frequency link has been performing perfectly” said Hugh Williams. ✦

NEW PRODUCTS FROM CABLE AML ...

HIGH POWER BROADBAND 67 CHANNEL MMDS REPEATER

Two broadband MMDS repeaters, each with capacity for 67 analog video channels in the 2272 to 2674 MHz band, have been delivered to Multivision S.A. and installed in La Paz, Bolivia.

The broadband high power repeaters are providing service to areas shaded from the main transmitters by mountains. They provide a high quality signal at distances of up to 10 miles (16 kilometers). ♦



Nicolas Bautista (left) and Richard Tambo (right), of Multivision S.A. install a broadband high power repeater in Chijipata (La Paz, Bolivia).

NEW LOW-COST OUTDOOR ACTIVE REPEATER

Cable AML has started deliveries of a new low-cost broadband repeater designed to provide cost-effective MMDS coverage to areas in the shadow of the main transmitter. With an appropriate transmit antenna, the repeater can re-transmit the input signal to a distance of up to 5 km.

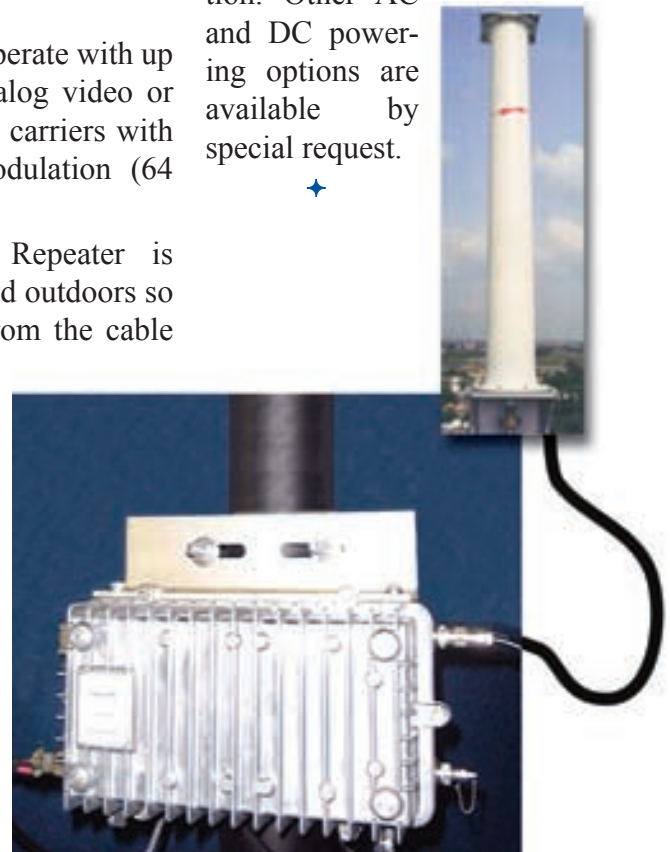
The repeater will operate with up to 31 channels of analog video or up to 31 digital video carriers with analog or digital modulation (64 QAM or OFDM).

The OAR02-008 Repeater is designed to be installed outdoors so as to reduce losses from the cable connecting it to the output antenna.

The repeater features a weatherproof LNA designed to be mounted at or near the input or receive antenna. The LNA is powered through the coaxial cable connecting it to the output section, which is mounted near the transmit

antenna. The output section contains the microwave AGC circuit, driver amplifier and power amplifier all packaged in a weatherproof enclosure suitable for outdoor mounting.

The Repeater is powered by 120 - 240 VAC in its standard configuration. Other AC and DC powering options are available by special request. ♦



Low cost Outdoor MMDS Repeater.

Be sure to look for your Cable AML calendar sticker enclosed in this mailing. It fits perfectly across the top of your computer monitor!



What Our Customers Are Saying...

AML LINK UP AND RUNNING FOR TWELVE YEARS IN ARGENTINA

In 1992 Cable AML installed an AML link to transport 30 channels between a Headend in Puerto Rico, Province of Misiones in Argentina to two nearby towns. The links were in continuous use until 2001, when a fiber link was installed, and they are still up and running as backup to the fiber.

Given the extraordinarily high reliability of the equipment, System Engineer Rafael Horodezki is now

planning to move the microwave links to new locations so as to start offering cable service in two new towns. ✦



Rafael Horodezki installed the Cable AML system in 1992.



Headend facilities at Puerto Rico TV in Misiones, Argentina.

Cable AML Will Be Exhibiting At The NAB Convention And Show In Las Vegas Booth #C1226 • April 19 - 22, 2004

The NAB Show (<http://www.nab.org/conventions/nab2004/>) is the world's largest annual gathering of electronic media professionals, drawing nearly 90,000 attendees from all over the world.

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