



**ERI is in NAB Booth # N2738  
For Release 8 a.m. CST  
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## **Electronics Research Announces New Television Antenna Product Line**

**Las Vegas, Nevada — April 6, 2003** — Electronics Research Inc. announced today at the opening of the 2003 National Association of Broadcasters' Convention in Las Vegas a new line of antenna products for terrestrial television transmission. ERI building on its 60 years of experience in designing and manufacturing FM broadcast antennas of all types the company is introducing antenna products for both UHF and VHF television transmission applications. The designs are suitable for either digital or analog applications.

The television antenna products introduced at NAB include:

The *EL Series Side Mounted UHF Television Antenna*: This innovative new product is a lightweight, low wind load, antenna for digital or analog television transmitting requirements. The innovative design utilizes building blocks that are comprised of 4-bay, 6-bay, or 8-bay modules. These modules are used singly or in combination to provide configurations of up to 32 bays and are available in a variety of standard azimuth patterns and custom patterns are also available. The antenna is rated to handle NTSC peak power levels up to 16-kilowatts. Eric Wandel, ERI's Director of New Product Development, said "in the development of this product line ERI took a step back and applied a fresh look at the requirements of both full service stations and Part 74 facilities. We believe that the EL Series will provide the most appropriate antenna option to a significant portion of the UHF television antenna market." When combined with ERI's Lambda Mounting System EL Series antennas can be top mounted.

*Broadband UHF Panel Antenna Systems:* ERI has formed a partnership with IRTE, a leading manufacturer of broadcast antennas based outside of Milan, Italy. IRTE is the only European television antenna manufacturer with significant experience in supplying UHF panel antennas in the United States, to television stations needing broadband antenna systems. This partnership offers television broadcasters a unique manufacturing and service combination that provides experience, product performance, and installation support services. This combination is not available from other suppliers. The IRTE panel antenna design is reliable and rugged. The panel elements are manufactured from copper and brass with a stainless steel reflector and all mounting components are galvanized steel. All elements are enclosed in UV resistant fiberglass radomes (standard radome color is gray and other colors are available on request).

This partnership provides users with access to panel antenna components with a proven track record of performance and durability at sites all over the US. The antenna system design is performed with a computerized calculation and plotting design program authored and verified by IRTE. The combination of the ERI's strong engineering, manufacturing, and field service organization, backed by IRTE's design and manufacturing expertise provides US television broadcasters with technically superior antenna systems from a local supplier having demonstrated excellence in providing first rate quality, performance and service.

*Low Band and High Band VHF Antennas:* ERI is also introducing VHF television antennas for both low band and high band applications. The new ERI designed Batwing antenna is available in configurations from a single bay to as many as 12 twelve bays. These antennas generally include a support pole for top mounting on a new ERI tower or

on an existing structure and designs are available for Channels 2 through 13. The new 540 Series High Band VHF Transmitting Antenna is unique design based on the field proven 1080 Series FM Panel Antenna.

The 540 Series antenna is primarily aimed at the television station that require a side mounted VHF antenna as a primary DTV antenna or for use as a standby antenna. The 540 Series antenna can be configured with one to as many as twelve elements and is broadband from 174 MHz to 216 MHz (Channels 7 through 13).

For more information on these new products or any other requirements for FM antennas, towers, or structural engineering services please visit ERI's exhibit, Both Number N2738.

Electronics Research, Inc. is an engineering oriented company that has manufactured state-of-the-art commercial and telecommunications broadcast products since 1943. From our 120,000-square-foot facility in Chandler, IN, we offer innovative engineering, meticulous fabrication and unsurpassed customer satisfaction. Attention to these details makes ERI the standard by which others in the industry are measured.

### ***About ERI***

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ERI Products and Services include:

- Television Broadcast Antennas
- iBOX™ digital radio systems
- Single and multi-station FM antennas
- Filters and combiners
- Guyed and self-supporting towers
- Turnkey installation services
- After-sales maintenance and inspection services

- Structural analysis on towers regardless of tower origin
- Tower reinforcement regardless of tower origin
- Tower rescue and repair assistance

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**For more information on Electronics Research:**

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