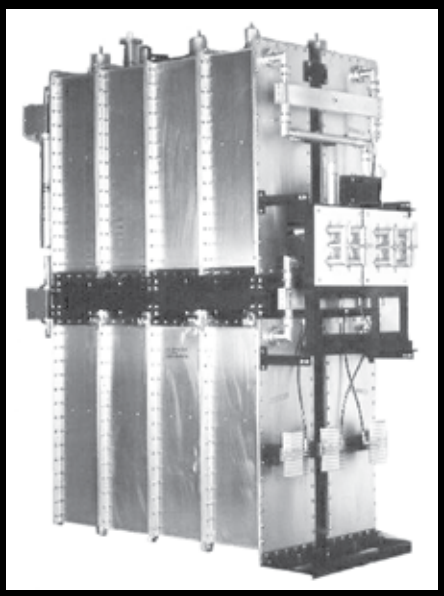
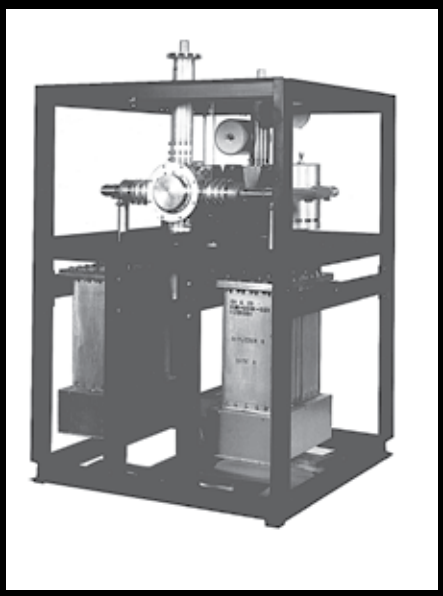
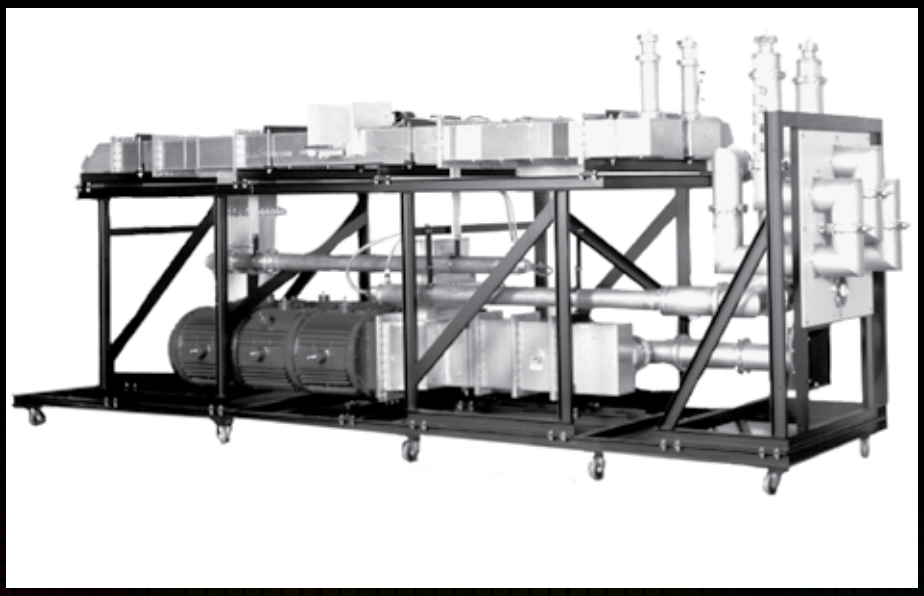
Television Combining Systems







ERI manufactures a wide range of combiners for the broadcast industry. Channel combiners of constant impedance or starpoint design, switchless combiners for transmitter amplification, switching combiners for main/alternate antenna feeds, power combiners and various diplexers for the TV and radio markets have been supplied to many locations throughout the world including the USA, Britain, Australia, South America, Mexico, Malaysia, China, Kuwait, the Netherlands, and other countries in Europe. ERI has many decades of combined expertise and experience in filter design, combiner implementations and combiner system design. We have supplied many multi-channel digital/analog UHF and VHF channel combiners (including adjacent channel designs) for the demanding USA digital market as well as Europe.

- Power Combiners
- Hybrid: Coaxial, VHF and UHF; Waveguide, E and H, Magic T
- Switching
- Switchless
- Channel Combiners
- Branch
- Constant Impedance
- Stretchline
- Directional
- Combiner/ Splitter
- Diplexer – Coaxial, VHF and UHF

Around the World, Across the Spectrum, Your Single Source For Broadcast Solutions

Antennas | Transmission Line | Filters/Combiners | Towers | Broadcast Services





About Electronics Research, Inc.

Founded in 1943, Electronics Research, Inc. delivers high quality, innovative, integrated solutions to broadcasters across the U.S. and around the world. Our dedicated staff of engineers, designers, fabricators, and project managers take pride in contributing to your success by providing AM, FM, VHF, UHF, BRS-EBS, and Mobile Media broadcast systems including the industry's best antenna, transmission line, filter and combining, and tower and structural support systems. In addition to manufacturing the full range of broadcast system components and installation accessories, ERI offers all of the engineering and field services needed to plan, install, optimize, and maintain your broadcast facility. We are your single source for broadcast solutions.

Broadcast Antenna Systems

- ROTOTILLER® FM Radio Antenna
- LYNX™ Dual Input for IBOC FM Radio Antenna
- 1105 Circularly Polarized FM Radio Antenna
- 100 Low Power Circularly Polarized FM Radio Antenna
- FM Low Power Horizontally Polarized Educational FM Radio Antenna
- P300/P350 Series Vertically Polarized FM Radio Antenna
- 1180 and 1090 Series Broadband Panel FM Radio Antenna
- SLIMWING™ Batwing VHF Television Antenna
- CRUCIS™ Crossed Dipole VHF Television Antenna
- STINGRAY™ Broadband Panel VHF Television Antenna
- TRASAR® High Power Traveling Wave Television Antenna
- AGW Guided Wave Quick-Deploy Emergency UHF Television Antenna
- STINGRAY™ Broadband Panel UHF Television Antenna
- ALP Low and Medium Power UHF Television Antenna
- AL PLUS Low and Medium Power UHF Television Antenna
- AL8 Low Power UHF Television Antenna
- VELA™ Low Power Vertically Polarized Broadband UHF Television Antenna
- HMD BRS-EBS Antenna
- SHADOWMASTER® Shadow-Filling BRS-EBS Antenna

Transmission Line Systems

- MACXLine® Rigid Transmission Line with Bellows
- HELIAX® Air- and Foam-dielectric Coaxial Cable
- HELIAX® Standard Elliptical Waveguide
- GUIDELine® Circular Waveguide
- Standard Rectangular Waveguide
- Dehydrators and Pressurization Equipment

Filter and Combining Systems

- FM Radio Filter and Combining Systems
- UHF and VHF Television Filter and Combining Systems
- DAB Filter and Combining Systems
- Mobile Media Filter and Combining Systems
- RF Components
- System Monitoring and Protection Components

Structural Support Systems

- Guyed Towers
- Self-Supporting Towers
- Roof-top Antenna Support Structures
- Specialty Structures and Custom Antenna Supports

RF and Structural System Services

- RF Field and Engineering Services
- Installation and Structural Engineering Services

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