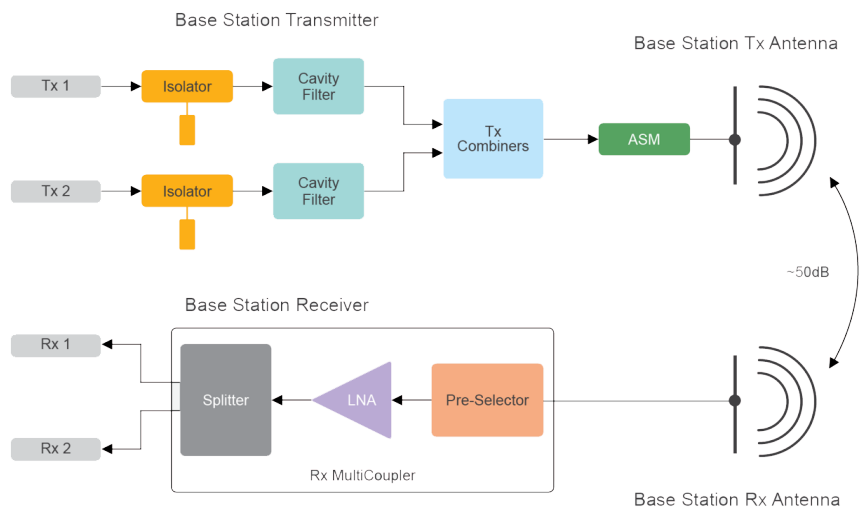




Telewave designs and manufactures high quality RF system products. It serves wireless system operators, public safety providers, local and state governments, and federal agencies in the United States and internationally. The company was founded in 1972 and is based in San Jose, California.

Telewave strives to be the premier supplier of seamless interoperable communication systems that provide security and reliability in mission critical eco-systems for both commercial and military applications worldwide. Telewave products are used by more than 7,500 equipment and network manufacturers and government agencies throughout the world.

## Telewave Fits In Every Aspect Of Your Base Station System



### Markets Served

#### Public Safety

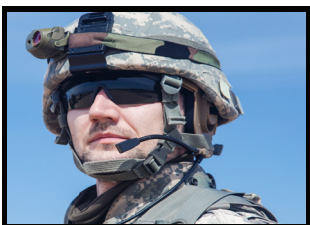


- Our Products are:
- Extremely Rugged
- Cost-Effective
- Highly Reliable
- Made in the USA

#### Transportation



#### Military / Gov't



#### Amateur Radio



#### Utilities





## Telewave's Product & Service Offerings

### Antennas - Base Station (33 - 3000 MHz)

Dipole (Folded & Array) | Discone (Wideband)  
 Fiberglass Collinear | Yagi (Directional)  
 Rugged Against Extreme Wind and Cold  
 Low PIM / Hi-PIP  
 Mounting Kits



### Tower Top Pre-Selectors (300 - 960 MHz)

Bipolar & PHEMT / GaAsFET Preamplifiers  
 NEMA Rated Waterproof Enclosures  
 Narrow & Medium Bandwidths  
 Integrated Surge Protection  
 Cavity | Comblines



### Transmitter Combiners (30 - 960 MHz)

Standard | Compact  
 Cavity | Hybrid  
 Low Insertion Loss Options  
 High Duty Cycle (Trunked Systems)  
 Up to 10 Channels per TX Antenna  
 Horizontal | Vertical Cavity Mounting



### Power Monitors (30 - 960 MHz)

Single | Dual Direction Sensors  
 Local TX Control  
 Local Meter for FWD / REV Power  
 NO / NC Dry Contact for Alarm Propagation



### Isolators (66 - 960 MHz)

Single | Dual | Triple Stage  
 Low | Medium | High Power



### Receiver Pre-selectors (70 - 960 MHz)

Standard | Compact  
 Cavity | Comblines  
 Narrow | Medium Bandwidths



### Duplexers (30 - 1300 MHz)

Passband | Pass-Reject  
 Cavity | Comblines  
 Base | Mobile  
 Narrow | Medium Bandwidths



### Receiver Panels (30 - 960 MHz)

Standard | Compact  
 2 to 32 Channel Capable  
 Bipolar | PHEMT / GaAsFET Preamplifiers



### Wattmeters (2 - 1000 MHz)

Optional -40dB BNC Sample Port  
 Optional Custom Carry Case



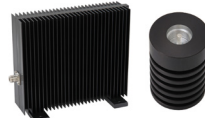
### Cavity Filters (30 - 1300 MHz)

Passband | Pass-Reject | Reject (Notch)  
 Narrow | Medium Bandwidths



### Coaxial Loads

Port Termination (1/4 Watt)  
 35 - 100W (Isolators) | 150, 300W (Bench)



### Crystal Filters (30 - 1300 MHz)

Very High Q of -60dB Isolation at +/- 50 KHz



### Crossband Couplers

### Power Dividers (24 - 2500 MHz)

### Low | High Pass Filters (40 - 960 MHz)

### Coax Cable Assemblies (Custom)

### High Performance Repeater Panels (148 - 960 MHz)

### Compact Repeater Panels (400 - 960 MHz)

### Intermodulation Panels (30 - 960 MHz)

### Racks and Cabinets (STD EIA 19" Wide Rails)

### Impedance Matching Networks (30 - 960 MHz)

### Custom Designs (Contact Us)

## Telewave Systems and Antenna Engineering Services

Interference Mitigation  
 Intermodulation Analysis  
 Antenna Selection Assistance  
 Custom Transmitter Filtering and Combining Design  
 Custom Receiver Multicoupler and Filtering Design  
 Coverage Study (Find Overlapping Coverage / No Coverage Areas)  
 Product Support and Troubleshooting