

Lumistar Re-Transmission System



Two Small Zero Cases

- Each unit is 9" long x 6" wide x 7-1/2" high with cover



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▪ **Receiver with Bit Synchronizer**

- Available in Lower-L, Upper-L, or S-Bands
- FM demodulator (Standard)
- ARTM Tier I, Tier II, and Tier III (Optional)
- SMA Type Connector for input signal
- 70 dB Rotary Attenuator on the input (10dB steps)
- 4 selectable IF Bandwidths
- Data Rates to 20 Mbps
- 70 MHz Output on SMB for spectral monitoring
- Video Output directly from receiver
- Bit Sync and Clock Output from Bit Synchronizer
- Bit Sync Output with Programmable PCM Code
- External Bit Synchronizer input
- AM Output for auto-tracking
- Signal Strength Output
- Programmable through RS-232
- Local control and display
- Stores multiple configurations
- Operates from Universal AC power (115V/230V)
- Small Zero case

▪ **Simulator with FM Modulator**

- PCM Simulator with Pseudo-Random Generator
- NRZ-L Data, Clock, and Sync outputs
- Baseband PCM Output with programmable code
- 8 Selectable Pre-Mod filters
- Frequency agile FM modulator (Standard)
- ARTM Tier I, Tier II, and Tier III (Optional)
- Digital Deviation Adjust
- Programmable RF Output level
- N Type connector for RF Output
- Programmable through RS-232
- Local control and Display
- Operates from Batteries for 12 Hours
- Selectable AC power (115V/230V)
- Smart Battery Charger is built in
- Small Zero case



