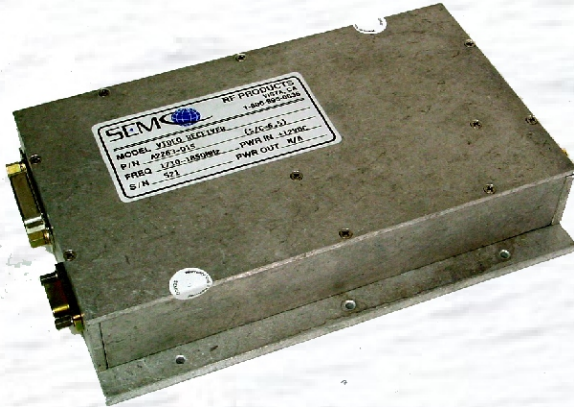




Standard Features



TR67 Telemetry Receiver

- 1710-1850 or 2185-2485 MHz
- Single Band Receiver
- Telemetry Applications
- Customer Specified IF Bandwidth
- 12 VDC Operation



Description

- The TR67RM series of telemetry receiver products are stand-alone multi-channel, systems designed for use with fixed antennas. The TR67 is a low cost alternative for telemetry applications.
- Rack-mount construction, minimum size and light weight make these receivers ideally suited for airborne or ground-based application and where operation in harsh conditions is required.
- Receivers may be ordered in frequency bands covering 1710-1850 or 2185-2485 MHz, spaced in 0.1 MHz increments.
- The Series TR67RM telemetry receiver comes with SEMCO's 1 year warranty on parts and labor.



TR67-001 SPECIFICATIONS

Telemetry Receiver

Receiver (Telemetry)

Power Input	12 VDC
Current	350 mA typical
Frequency	1710-1850 MHz or 2185-2485 MHz
Spurious Emission	Per IRIG 106-01

ELECTRICAL SPECIFICATIONS

Frequency Range	1710-1850 MHz or 2185-2485 MHz (standard)
Frequency Selection	Multi-channel (optional)
Image Rejection	>60 dB
Noise Figure	6 dB nominal
Maximum RF Input	+10 dBm
RF Input Impedance	50 ohms
Output Impedance	75 ohms

DEMODULATION SECTION

Type	FM
Output Level	2V p-p @ Customer Specified Deviation
Frequency Stability	.005%
Carrier Deviation	Customer specified in kHz peak
Linearity	+2% BSL
Incidental AM	2% maximum
Incidental FM	+5 kHz maximum

ENVIRONMENTAL SPECIFICATIONS

Temperature	0 to +50 degrees C Baseplate (standard)
Humidity	0-100% non-condensing (MIL-STD-810 Method 507)
EMI-RFI	Per IRIG 106-93

POWER REQUIREMENTS

Input Voltage	+12 VDC
Input Current	350 mA typical

CONNECTORS

Modulation Input	BNC
Data, Power Input	micro D
RF Input	TNC

MECHANICAL

Size	10.0 x 19.0 x 1.75 in.
Weight	2.25 lbs.

OPTIONS

Frequency Ranges	1710-1850 MHz or 2185-2485 MHz
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Special orders, please confirm requirement before order.

Specifications subject to change without notice.