



TR70 Telemetry Receiver

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



TR70

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Technology & Innovation For A Safer World

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TR70 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 106-11

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	4.50" x 1.25" x 6.50"
Weight	1.65 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.

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