

Figure 1

F1 - POWER Indicator

Lights when the unit is connected to the required source of DC power via the rear panel DC INPUT connector.

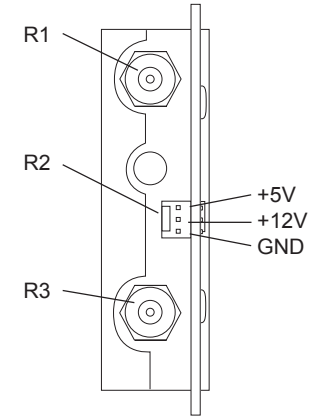


Figure 2

R1 - RF OUTPUT Connector

This is the RF output to a demodulator.

R2 - DC INPUT Connector

This 3-pin connector (Male) accepts the appropriate mating DC power cable. Observe proper orientation and wiring.

R3 - RF INPUT Connector

This is the RF input and accepts inputs from 5 to 54 MHz.



R.L. DRAKE COMPANY

Order From:



800-423-2594

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SPECIFICATIONS

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Input Frequency Range: 5 MHz to 54 MHz.

Input Impedance: 75 Ohms, return loss >14 dB.

Output Frequency Range: 173 MHz to 223 MHz.

Output Impedance: 75 Ohms, return loss >14 dB.

Gain: 0 dB, ± 2 dB.

Noise Figure: <10 dB.

L.O. Frequency: 168.25 MHz, ± 2 kHz.

Input Level: +30 dBmV maximum for
-60 dB harmonics and intermods.

Third Order Input Intercept Point: >+60 dBmV.

Power Requirement (from PSM121): +12 V @ 75 mA.

+5 V @ 10 mA.

Operating Temperature Range: 0° to +50° C, ambient.

Size: 1" W x 3.5" H x 8.75" D. (2.5 cm) W x (8.9 cm) H x
(22.2 cm) D.

Weight 10.2 oz. (0.3 Kg).

Specifications subject to change without notice or obligation.

INSTALLATION

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Mount the TUM714 in the 12 position rack frame. Connect a power cable from the power supply to the power connector on the TUM714. Connect the "T" channel input as indicated in Figure 3.

Connect the output from the TUM714 to the demodulator input or to other desired equipment.

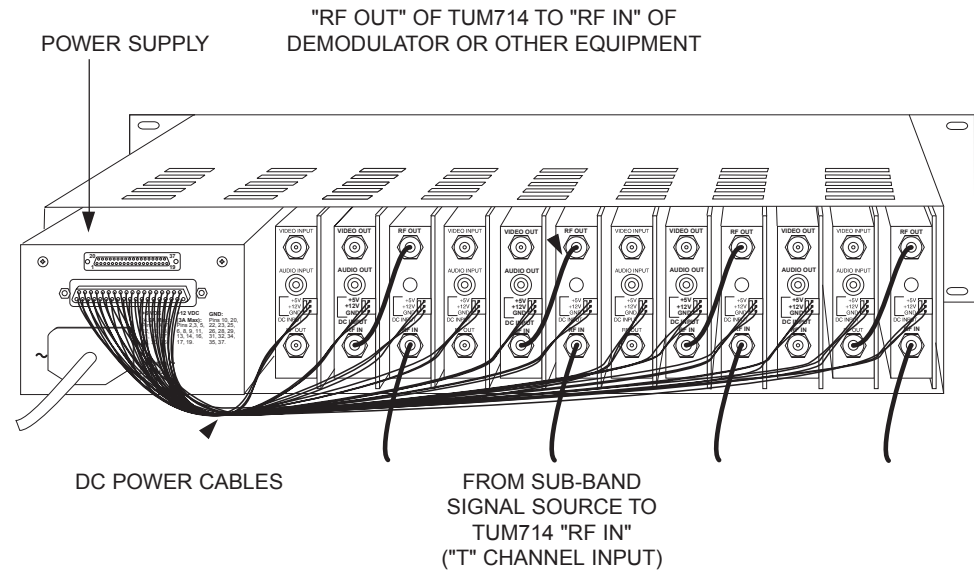


Figure 3

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