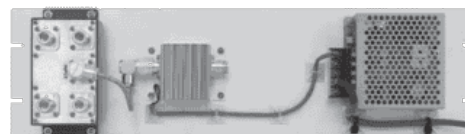


TWR4-150

4-PORT RECEIVER DISTRIBUTION PANEL

The TWR4-150 gives four isolated 50 ohm receiver outputs from one antenna input across 148–174 MHz. A matching network on the antenna port keeps the input balanced, and a high-gain TLA series preamplifier and multi-voltage AC power supply share one 5.25" rack panel; the preamplifier can also run from a DC source.

Panel gain (input to any output) is set at the factory, 0 to 18 dB, to suit the system; give the exact frequencies with the order. Unused output ports must be terminated with 50 ohms (the TWL-01 terminating resistor).



RF SPECIFICATIONS

Frequency Range	132-174 MHz	Channels	4
Bandwidth	36 MHz	System Gain	0-18 dB (set at the factory)
Isolation Min / Typ	20 dB min / 25 dB typ	Noise Figure	2.5 dB (typ)
IP3 (typ)	+36 dBm	Intermod (typ)	-130 dB (typ) for -30 dBm input
Temperature Range	0 to +40 °C (+32 to +104 °F)		

PHYSICAL SPECIFICATIONS

Connectors	N female in / out (BNC female opt.)	Power Supply	AC 100-240 VAC, 50-60 Hz, 0.4 A; DC +12 to +24 VDC, 200 mA (typ)
Dimensions	5.25 x 19 x 3	Weight	4 lbs (1.81 kg)
Options	BNC female connectors (opt.)		

