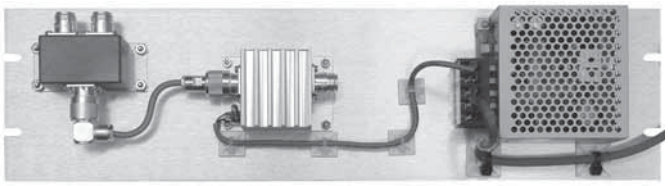
Telewave.io

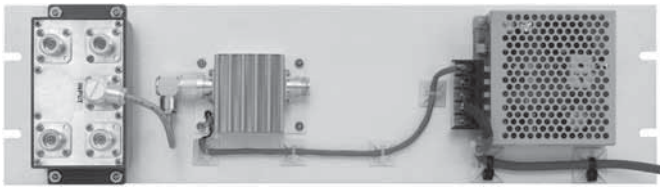
132 - 960 MHz

TWR2, TWR4 SERIES

RECEIVER DISTRIBUTION PANELS



TWR2 SERIES



TWR4 SERIES

Telewave.io TWR2 and TWR4 Receiver Distribution Panels provide 2 or 4 isolated 50 ohm receiver outputs from one input, in a compact package. The antenna port is tuned with a matching network to insure a balanced input. A high-gain TLA-series preamp and multi-voltage AC power supply are included on a single 5.25" panel. The preamp can also be powered directly from a DC source.

Telewave.io receiver panels use high-quality splitters which provide multiple balanced outputs from one input, with 20-30 dB of isolation between ports.

MODEL	FREQUENCY	PORTS	BANDWIDTH	GAIN
TWR2-150	132-174 MHz	2	42 MHz	0-18 dB
TWR2-250	216-250 MHz	2	34 MHz	0-18 dB
TWR2-350	300-400 MHz	2	40 MHz	0-18 dB
TWR2-450	400-512 MHz	2	40 MHz	0-18 dB
TWR2-760	763-824 MHz	2	40 MHz	0-18 dB
TWR2-860	806-960 MHz	2	40 MHz	0-18 dB
TWR4-150	148-174 MHz	4	36 MHz	0-18 dB
TWR4-250	216-250 MHz	4	34 MHz	0-18 dB
TWR4-350	300-400 MHz	4	40 MHz	0-18 dB
TWR4-450	400-512 MHz	4	40 MHz	0-18 dB
TWR4-760	763-824 MHz	4	40 MHz	0-15 dB
TWR4-860	806-960 MHz	4	40 MHz	0-15 dB

COMMON SPECIFICATIONS		
Impedance / VSWR (typ)		50 ohms / 1.3:1
Isolation RX-RX (min / typ.)		132-174 MHz: 20 dB / 25 dB
		216-960 MHz: 25 dB / 30 dB
Noise figure (typ)		2.5 dB
Third order intercept		+36 dBm
Intermodulation (typ)		-130 dB for -30 dBm input
Temperature range		-0C to +40C (+32F to +104F)
Power requirements	**AC**	100-240 VAC, 50-60 Hz / 0.4 A
	DC	+12 to +24 VDC / 200 mA (typ.)
Connectors In / Out		N Female (BNC female opt.)
Dimensions (HWD) in. (cm)		5.25 x 19 x 3 (13.3 x 48.3 x 7.6)
Weight lb. (kg)		4 (1.8)

NOTES

1. All unused ports must be terminated with 50 ohms. TWL-01 terminating resistor is available for this purpose.
2. Panel gain is measured from the input port to any output port. Gain is adjusted at the factory according to individual system requirements.
3. Tuning range and bandwidth vary depending on frequency band and system components.
4. Exact frequencies must be specified with order.

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