

TWL-50, 75, 100, 100HS COAXIAL RF TERMINATIONS

TWL-50	50 W	0-2500 MHz
TWL-75	75 W	0-2500 MHz
TWL-100	100 W	0-2500 MHz
TWL-100HS	100 W	0-2500 MHz

Telewave.io Coaxial Loads feature extremely low VSWR and excellent stability. Applications include hybrids, isolators, power monitors, wattmeters, and coax line terminations.

Telewave.io loads are custom machined to withstand bench or field use. The conservative power rating provides substantial overload protection. Unlike liquid dielectric loads, Telewave dry coaxial terminations can be operated in any position.

All connectors have gold-plated center pins for maximum conductivity. Quick-Change connectors are standard on these loads, allowing easy configuration for any application. Specify connector type(s) when ordering.

For added flexibility, straight or elbow-type male-male adapters are available.

FEATURES

- EXTREMELY LOW VSWR
- CW POWER RATINGS TO 150 WATTS
- DRY DIELECTRIC
- BROAD FREQUENCY RANGE
- RUGGED CONSTRUCTION
- QUICK-CHANGE CONNECTORS



COMMON SPECIFICATIONS	
Frequency range	0 - 2500 MHz
Nominal impedance	50 ohms
Temperature rating	40°C max ambient - 100% of rated power 95°C max ambient - 50% of rated power
50% overload rating	2 minutes

MODEL	TWL-50	TWL-75	TWL-100	TWL-100HS
Maximum CW avg power	50 watts	75 watts	100 watts	100 watts
Max VSWR (N connector)	1.1:1	1.05:1	1.05:1	1.05:1
Dimensions (H x dia.) in.	6 x 1.75	8 x 2.25	7.25 x 3.375	7 H x 2.75 W x 2.75 D
(incl. connector) cm	15.2 x 4.5	20.3 x 5.7	18.4 x 8.6	17.8 x 7 x 7
Weight lb. (kg)	1 (0.5)	2.1 (1)	4 (1.8)	2.7 (1.2)
Connectors	Quick-Change N Female (std.) UHF, TNC, BNC, 7-16 DIN (opt.)		Quick-Change N Male (std.) UHF, TNC, BNC, 7-16 DIN (opt.)	