

TWL-150, TWL-300 HIGH POWER TERMINATIONS

The Telewave.io TWL-150 Bench Load is ideal as a general purpose medium power termination. It is perfectly suited for terminating the Model 44A Broadband wattmeter, or any other application requiring a very low VSWR, 50 ohm termination. The carry handle and rugged construction allow convenient field use.

The Telewave.io TWL-300 Bench Load is our highest power standard termination. This load is designed for testing high power amplifiers, or applications requiring longer duty cycles.

Telewave.io coaxial loads feature extremely low VSWR and excellent stability. Applications include hybrids, isolators, power monitors, wattmeters, and coaxline 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.io 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.



TWL-150



TWL-300

SPECIFICATIONS	TWL-150	TWL-300
Frequency range	0 - 2500 MHz	0 - 1000 MHz
Power input (max)	150 watts	300 watts
Impedance (nom)	50 ohms	
VSWR (max)	1.05:1	1.25:1
Return loss (typ.)	32 dB	18 dB
Temperature rating	100% of rated power at 40°C • 50% of rated power at 95°C	
50% overload rating	2 Minutes	
Connector	Quick-Change N Female (std.), UHF, TNC, BNC, 7-16 DIN	
Dimensions (HWD) in. (cm)	6.5 x 3.5 x 6.5 (16.5 x 8.9 x 16.5)	8.1 x 2.5 x 9.5 (20.6 x 6.4 x 24.1)
Footprint in. (cm)	7 x 4 (17.8 x 10.2)	9.5 x 4.6 (24.1 x 11.7)
Weight lb. (kg)	4.8 (2.2)	13 (5.9)
Finish	High Temp Black	