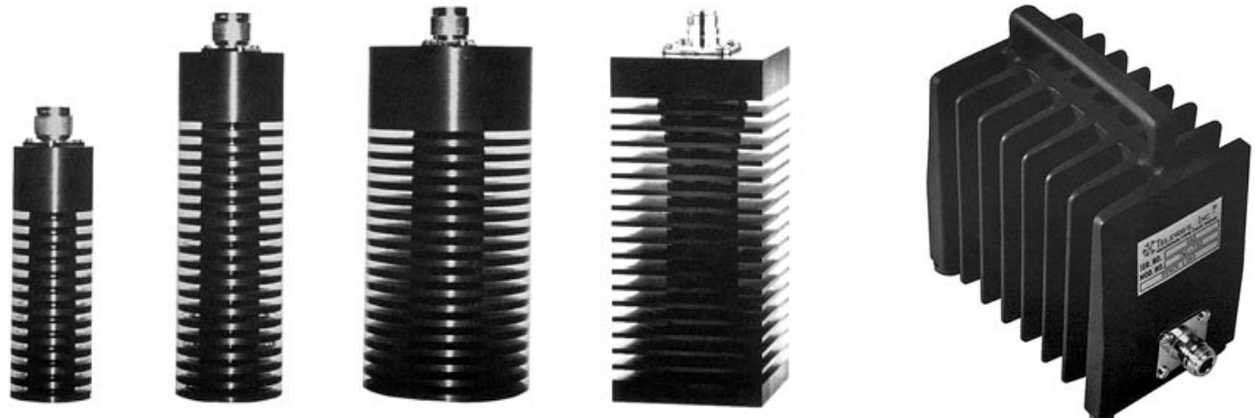
Established 1981
Advanced Test Equipment Rentals
www.atecorp.com 800-404-ATEC (2832)

TELEWAVE, INC.

0 - 2500 MHz

TWL-50, 75, 100, 100HS, 150

COAXIAL RF TERMINATIONS



TWL-50 TWL-75 TWL-100 TWL-100HS TWL-150

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

Telewave 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 Telewave loads from 50 watts and up, except TWL-60. Specify connector type(s) when ordering.

The TWL-150 Bench Load is ideal as a general purpose termination. It is perfectly suited for terminating the Model 44A Broadband Wattmeter, or any other application requiring a very low VSWR, 50 ohm termination.

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
- N OR UHF, M/F CONNECTORS

TELEWAVE, INC. 660 Giguere Court San Jose, CA 95133
Toll Free: **1-800-331-3396** Direct: 408-929-4400 Fax: 408-929-4080
http://www.telewave.com **Email: sales@telewave.com**

TWL-50, 75, 100, 100HS, 150

SPECIFICATIONS

MODEL NUMBER	TWL-50	TWL-75	TWL-100	TWL-100HS	TWL-150
Nominal Impedance			50 ohms		
Maximum CW Avg Power	50 watts	75 watts	100 watts	100 watts	150 watts
Frequency range			0 - 2500 MHz		
Maximum VSWR (Type-N Connector)	1:1.1	1:1.05	1:1.05	1:1.05	1:1.05
50 % Overload Rating			2 minutes		
Temperature Rating		40° C max ambient - 100% of rated power 95° C max ambient - 50% of rated power			
Dimensions:					
Height x Diameter (in)	6 x 1.7	8 x 2.3	8 x 3.5		
Height x Diameter (cm)	15.2 x 4.3	20.3 x 5.7	20.3 x 8.9		
H x W x D (in)				7 x 2.75 x 2.75	6.5 x 3.5 x 6.5
H x W x D (cm)				17.8 x 7 x 7	16.5 x 9 x 16.5
Weight lb (kg)	1 (0.5)	2 (0.9)	4.9 (2.2)	2.5 (1.1)	4.8 (2.2)
Quick-Change connectors	YES				

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