

TWL-01	250 mW	0-2500 MHz
TWL-35	35 W	0-1000 MHz
TWL-60	60 W	0-1000 MHz

TWL-01, 35, 60

COAXIAL RF TERMINATIONS

Telewave.io compact coaxial loads offer extremely low VSWR. All loads are machined to withstand any bench or field use, and their power rating provides substantial overload protection. Unlike oil-filled loads, these dry coaxial loads can be operated in any position. Connectors have a silver-plated center conductor, except TWL-01 which uses a gold-plated pin.

TWL-01 is designed as a port termination for receiver splitters with N, SMA, UHF, or BNC female outputs. TWL-35 and TWL-60 feature recessed male connectors for reduced size and ease of use. Applications include hybrids, isolators, power monitors, wattmeters, and coaxial port terminations.

FEATURES

- EXTREMELY LOW VSWR
- CW POWER RATINGS TO 60 WATTS
- DRY LOAD
- BROAD FREQUENCY RANGE
- RUGGED CONSTRUCTION
- N, BNC, OR UHF MALE CONNECTOR
(Specify connector type)



TWL-60



TWL-35



TWL-01

SPECIFICATIONS	TWL-01*	TWL-35	TWL-60
Frequency range	0-2500 MHz	0-1000 MHz	0-1000 MHz
Maximum avg. CW power	250 mW	35 W	60 W
Max VSWR (N connector)	1.22:1	1.05:1	1.05:1
Impedance (nom.)	50 ohms (nominal)		
Temperature rating	100% of rated power at 40°C • 50% of rated power at 95°C		
50% overload rating	2 Minutes		
Connectors	N / SMA / UHF / BNC Male	N or UHF Male	N or UHF Male
Dimensions (dia. x H) in (cm)	0.8 x 0.97 (2.0 x 2.5)	1.6 x 1.4 (4.1 x 3.6)	1.6 x 2.375 (4.1 x 6.0)
Weight lb. (kg)	0.07 (0.03)	0.25 (0.11)	0.5 (0.2)

*Used to terminate unused ports on receiver splitters and panels.