

TL Series

Terminating Load Resistors

Features

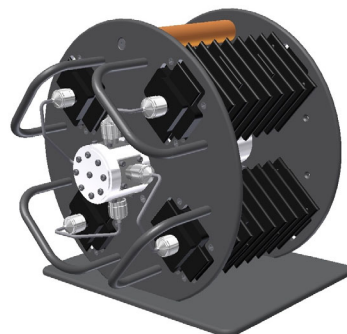
The TL-series products are terminating load resistors. The lower-power loads are primarily required for the calibration phase when testing to many automotive, military and avionics test specifications, while the higher-powered offerings are intended for use with higher power amplifiers operating within the appropriate frequency and power range.

The export classification for this equipment is EAR99. These commodities, technology or software are controlled for export in accordance with the U.S. Export Administration Regulations. Diversion contrary to U.S. law is prohibited.

| Model | Power Rating | Frequency Range | Nom. Impedance | Input Connectors | Size | Weight |
|---------|--------------|-----------------|----------------|------------------|-----------------------------------|-----------------|
| TL50001 | 1W Avg | DC-4GHz | 50 ohm | BNC male | 3.43 x 1.52 cm 1.35 x 0.600 in | 19 g 0.68 oz |
| TL50002 | 2W Avg | DC-40GHz | 50 ohm | K male | 1.93 x .84 cm .76 x .33 in | 6 g 0.17 oz |
| TL50010 | 10W Avg | DC-18GHz | 50 ohm | N male | 4.93 x 3.83 cm 1.90 x 1.53 in | 90 g 3 oz |
| TL50050 | 50W Avg | DC-18GHz | 50 ohm | N male | 10.40 x 4.10 cm 4.10 x 1.60 in | 175 g 6 oz |

The high-power TL501000 and TL502000 differ from other TL-series offerings as these models consist of four individual loads combined into a single compact package. A rugged four-way splitter accepts the high-power RF input and distributes the power among the loads.

The TL501000M1 terminating load is well matched for use with a 700S1G4A amplifier, while the TL502000 will handle the power of a 1000S1G4, or in other applications operating within the appropriate frequency and power range.



TL501000



TL502000

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TL Series
Terminating
Load Resistors

Specifications

| Model | Power Rating | Frequency Range | Nom. Impedance | Input Connectors | Size | Weight |
|------------|-------------------------------|-----------------|----------------|--------------------|----------------------------------------------------|---------------------|
| TL501000 | 1000W Avg (Unidirectional) | .8-4.2GHz | 50 ohm | 7-16 DIN female | 30.48 x 29.46 x 28.96 cm 12 x 11.6 x 11.4 in | 11.5 kg 25.3 lbs |
| TL501000M1 | 1000W Avg (Unidirectional) | .8-4.2GHz | 50 ohm | 7/8" EIA female | 30.48 x 29.46 x 28.96 cm 12 x 11.6 x 11.4 in | 11.5 kg 25.3 lbs |
| TL502000 | 2000W Avg (Unidirectional) | .8-4.2GHz | 50 ohm | 7/8" EIA female | 55.9 x 30.5 x 37.1 cm 22 x 12 x 14.6 in | 29 kg 64 lbs |