



Bird Technologies - The RF Experts

8401

8401, 600 Watt, Oil-Cooled Termination is a portable, self-contained general purpose 50 ohm coaxial transmission line termination requiring no outside power source or additional equipment. It provides accurate, dependable, and practically nonreflective termination for testing and adjusting transmitters under nonradiating conditions. The load consists essentially of a cylindrical film type resistor immersed in a dielectric coolant. The resistor, individually selected for its accuracy, is enclosed in a special tapered housing which provides a linear reduction in surge impedance directly proportional to the distance along the resistor. This produces the uniform, practically reflectionless line termination from dc to 3 GHz.

- Rugged portable Bench load for medium power base station RF testing up to 3 GHz
- Oil-assisted convection cooling for safe, continuous operation up to 600W full rated power
- Quick Change (QC) connectors to minimize the need for adaptors when making critical measurements
- Low-profile housing with handle and rubber feet for trouble-free operation in the most demanding environments

PRODUCT SPECIFICATIONS:

Item No	8401
Item Name	600 Watt, Oil-Cooled Terminations
Power Rating	600 W continuous

Frequency Range and VSWR	DC to 1 GHz @ 1.1 max. 1 GHz to 2.8 GHz @ 1.2 max. 2.8 GHz to 3 @ 1.3 max.
Temperture Range	-40 to +45 °C
Coolant	0.7 gal (2.65 liters) Refined Mineral Oil
Product Type	Oil-Cooled
Operating Position	Horizontal Only
Connectors	N(F)
Finish	Gray Powder Coat
Dimensions	16-13/16" x 8 1/2" x 5 15/16" (H x W x D) 427 x 216 x 151 mm
Weight	20 lbs. (9.1 kg)