

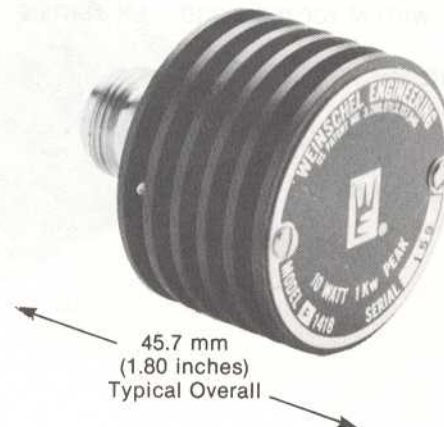
# MEDIUM POWER COAXIAL TERMINATION

## 10 WATTS

### MODEL 1418 DC TO 18.0 GHz

#### TYPE N CONNECTORS

COAXIAL  
COMPONENTS



## FEATURES

**BROADBAND COVERAGE** — Operation frequency range is DC to 18 GHz.

**HIGH AVERAGE POWER RATING** — Models are available in average power rating of 10 watts, 1 kW peak.

**LOW VSWR** — The maximum VSWR to 12.4 GHz is 1.25 and 1.40 to 18 GHz. (Calibration data is available upon special request.)

**HIGH REPEATABILITY CONNECTORS** — Injection molded connector insulators maintain concentricity and provide stable interface dimensions to ensure long life and high repeatability of insertion loss.

# MEDIUM POWER COAXIAL TERMINATION

MODEL 1418

## SPECIFICATIONS

**FREQUENCY RANGE:** DC to 18.0 GHz.

**NOMINAL IMPEDANCE:** 50 ohms.

**MAXIMUM POWER RATING:** 10 watts average. Maximum rated average power for all models to 25°C ambient temperature derated linearly to 0 watts at 125°C. Peak: 1 kW (5  $\mu$ sec pulse width).

**TEMPERATURE COEFFICIENT:** 500 ppm/°C.

**TEMPERATURE RANGE:** -55°C to +125°C.

**CALIBRATION FREQUENCIES:** Sweep tested on slotted line system for VSWR. Data available for \$7.50.

**CONNECTOR:** Stainless steel Type N. Choice of male or female. Specify sex when ordering by prefixing model number with M for male and F for female.

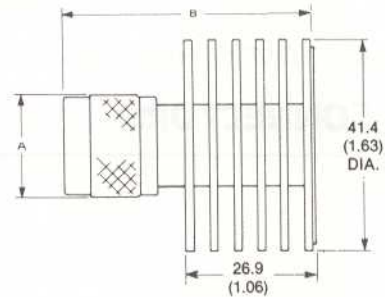
### MAXIMUM VSWR:

DC - 4 GHz:	1.15
4.0 - 8.0 GHz:	1.20
8.0 - 12.4 GHz:	1.25
12.4 - 18.0 GHz:	1.40

**WEIGHT:** Net, 3.0 oz. (0.09 kg); Shipping, 1 lb. (0.45 kg) maximum.

### PRICE:

SEE PRICE LIST AT BACK OF CATALOG.



MODEL NO.	DIM. A		DIM. B	
M1418	21.0	(.827)	50.8	(2.00)
F1418	16.3	(.64)	45.7	(1.80)

NOTE: Dimensions are given in mm (inches) and are maximum unless otherwise specified.