

DRY CONVECTION AIR COOLED

GENERAL SPECIFICATIONS:

IMPEDANCE: 50 Ohms.

MECHANICAL TOLERANCE: ± 0.010 inch unless otherwise specified.

ENVIRONMENTAL: Meets the applicable requirements of
MIL-PRF-55342.

TEMPERATURE COEFFICIENT: ± 100 PPM/ $^{\circ}$ C maximum from -55° C to $+125^{\circ}$ C.

TEMPERATURE RANGE: -55° C to $+150^{\circ}$ C.

POWER RATING: The rated input power is based on a room
temperature of 25° C derated linearly to zero power at 150° C.

COAXIAL ATTENUATORS:

BI-DIRECTIONAL: To 1000 watts CW.

UNIDIRECTIONAL: Over 1000 watts CW.

BROAD FREQUENCY RANGE.

LOW VSWR.

TYPE "N": Connectors standard, others available (see connector note).
3 TO 30dB STANDARD.

COAXIAL TERMINATIONS:

BROAD FREQUENCY RANGE.

LOW VSWR.

TYPE "N": Connectors standard, others available
(see connector note).

HANDLES: Available on units over 100 watts.

MATERIALS:

HOUSING: Black Anodized Aluminum.

HEAT SPREADER: Copper.

RESISTIVE ELEMENT: Proprietary film.

SUBSTRATE: **Beryllium Oxide** Ceramic.

CONNECTOR INTERFACE: Conforms to MIL-C-39012.

On all MIL spec. connectors where applicable.

BUILT IN COOLING FAN:

Standard units 1000 watts and higher. The 12VDC cooling fan is powered by a wall plug-in type battery eliminator. 115 VAC/60CPS std., 230 VAC/50 CPS available add Z to part number. Other DC voltages are available.