



The DRG-1840-A is a linearly-polarized wide-band dual-ridged horn antenna. It is designed to transmit or receive in the frequency band from 18 GHz to 40 GHz. The antenna has high gain, uniform E-Plane and H-Plane radiation patterns, and low VSWR.

broadband WRD-180
waveguide Dual Ridge horn antenna that is
ideal for EMC, test and communications
applications. These are extremely durable

antennas that can be mounted to a tripod or polarization rotator. A precision Type K-F connector is used for high frequency. This antenna can be calibrated for absolute gain and near field strength.

SPECIFICATIONS:

Frequency 18 to 40 GHz
Gain 19 to 24 dBi nominal
Polarization Linear Horizontal or Vertical
Impedance 50 Ohms
VSWR 1.5:1 nominal
Operating Temperature -40° to +50°C
Storage Temperature -40° to +65°C
Power Handling 10 W CW
Antenna Connector K Female
Dimensions 2/7" x 2" x 7.4" plus mount
Weight 1.8 lbs (0.8 kg)
Mounting 1/4-20 clearance



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