

WR6 Attenuator 110-170 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
110–170 GHz (full D-band coverage)
- **Attenuation Accuracy**
±1.5 dB typical (6 dB unit)
- **Power Handling**
Up to 2 W CW (continuous wave)
- **Housing Material**
Gold-plated copper for superior RF performance and durability
- **Storage Temperature**
-45°C to +85°C
- **Attenuation Options**
6 dB, 10 dB, 20 dB, 30 dB, and 40 dB
- **Return Loss**
-20 dB minimum
- **Flanges**
UG-387/U-M on both ports
- **Operating Temperature**
0°C to +50°C

APPLICATIONS

Test & Measurement: Millimeter-wave systems requiring controlled signal levels

Radar & Sensing: D-band frequency platforms for automotive and defense

5G/6G Development: Communication infrastructure validation and signal conditioning

RF-over-Fiber: Transceiver conditioning and signal management

Component Protection: LNA and sensitive receiver protection from excessive input power