

Double Ridged Waveguide Adapters up to 40 GHz

TECHNICAL SPECIFICATIONS

- **Frequency range**
DC to 40 GHz across product portfolio
- **Interface options**
Endlaunch and standard mounting designs
- **VSWR**
<1.5:1 typical across operating band
- **Construction**
Precision machined waveguide with soldered connectors
- **Waveguide sizes**
WRD84 through WRD180 configurations
- **Connector types**
SMA and equivalent coaxial interfaces
- **Power handling**
Rated for HPA integration in transmit chains
- **Impedance**
50 ohms coaxial side

APPLICATIONS

5G/6G & Telecommunications:
Infrastructure laboratory
equipment and broadband
signal distribution networks

Test & Measurement: mmWave
and sub-THz test systems,
antenna measurement and
characterization platforms

SATCOM: Uplink and downlink
signal conditioning, LNA and
HPA integration

Defense & Aerospace:
Broadband RF systems for
receiver and transmitter modules

Automotive: Radar development
and validation platforms