

WR650 Waveguide to Coax Adapter up to 1.7 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
1.12–1.7 GHz
- **Waveguide Flange**
FDP14 (UDR84 standard)
- **Coaxial Connector**
N-female
- **Waveguide Designation**
WR650
- **Configuration**
Single-ridge waveguide transition

APPLICATIONS

SATCOM: Ground station equipment and uplink/downlink systems requiring waveguide-to-coax coupling

Cellular Infrastructure: L-band components in mobile network deployments

Radar & Sensing: Weather radar, surveillance systems, and detection equipment in UHF-to-L-band spectrum

Defense: Secure communications and tactical applications in designated frequency bands

Test & Measurement: Laboratory setups requiring impedance matching between waveguide and coaxial test equipment