

Coaxial Adapter up to 145 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
DC to 145 GHz
- **Return Loss**
Better than 20 dB (DC–67 GHz); Better than 15 dB (67–110 GHz); Better than 10 dB (110–145 GHz)
- **Operating Temperature Range**
–40°C to +85°C
- **Available Configurations**
Female-to-Female, Male-to-Female, Male-to-Male
- **Insertion Loss**
0.3 dB max (DC–67 GHz); 0.8 dB max (67–110 GHz); 1.2 dB max (110–145 GHz)
- **Power Handling**
Up to 1W CW
- **Connector Type**
0.8mm coaxial
- **Material**
High-grade stainless steel with passivated finish

APPLICATIONS

5G/6G & Telecommunications:
Wireless system development
and validation for next-
generation networks

Test & Measurement: High-
frequency RF and microwave
test benches requiring low-loss
interconnections

Research: Sub-THz system
integration, characterization,
and millimeter-wave
communication research

Laboratory Environments:
Precision manufacturing test
setups and advanced
measurement architectures