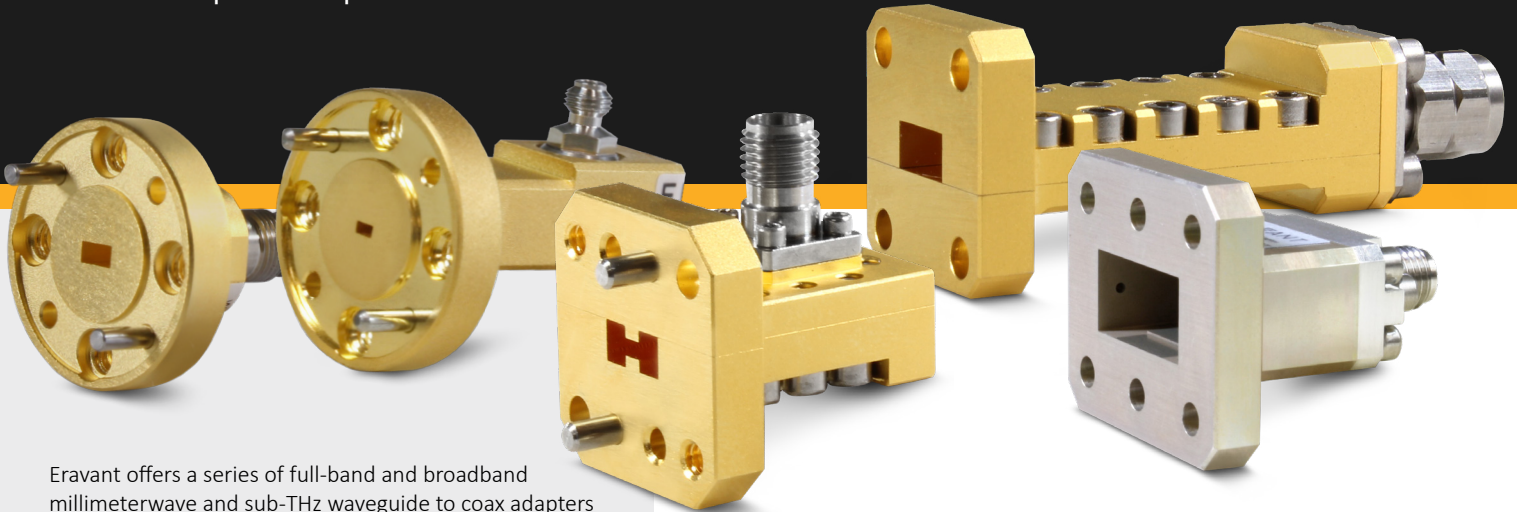


WAVEGUIDE TO COAX ADAPTERS

ERAVANT
MAKING MILLIMETERWAVE ACCESSIBLE

Broadband mmWave and Sub-THz Waveguide to
Coax Adapters up to 173 GHz

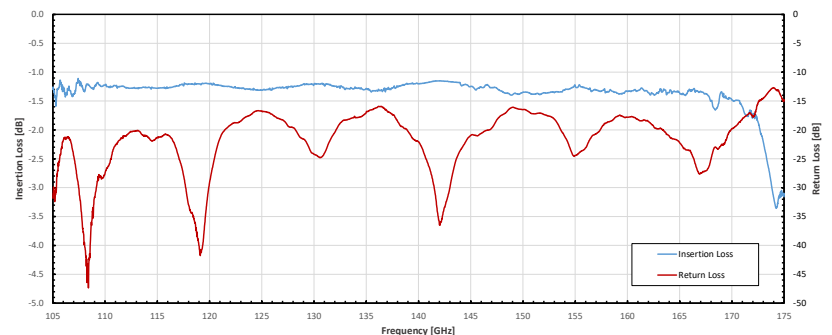


Eravant offers a series of full-band and broadband millimeterwave and sub-THz waveguide to coax adapters up to 173 GHz. Eravant's waveguide to coax adapters are optimized to offer an efficient transition between the rectangular waveguide and the coaxial connector with low insertion loss and high return loss. Eravant's standard models covers waveguides from WR-90 to WR-06 and female/male coax connectors from N to 0.8 mm in either right-angle or end-launch configurations. In addition, Eravant also offers specially developed broadband models for 5G/6G applications, double-ridged waveguide models, and TVAC/Space compatible models.

FEATURES

- Full Band & Broadband Models up to 173 GHz
- Low Insertion Loss & High Return Loss
- Waveguide Options from WR-90 to WR-06
- Double Ridged Waveguide Options from WRD-650 to WRD-180
- Female or Male Coax Connector Options from N to 0.8 mm.
- End Launch or Right-Angle Configurations
- TVAC/Space Compatible Models Available

Typical Measured Performance vs Frequency
(WR-06 to 0.8mm Adapter, D-Band, Sub-THz Model, 110 to 173 GHz)
SWC-0608F-R1 & SWC-0608M-R1



Typical Measured Performance vs Frequency
(WR-28 to 2.4mm Adapter, Ka-Band, Broadband mmWave Model, 24 to 48 GHz)
SWC-2434831805-282F-R1 & SWC-2434831805-282M-R1

