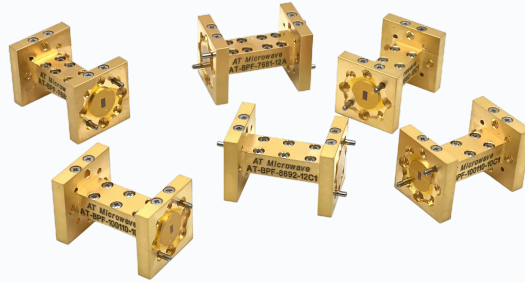


Waveguide Filter up to 400 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Coverage**
Bandpass filters spanning WR19 to WR3 waveguide bands; fullband configurations available from WR19 to WR5
- **Highpass Filter Range**
WR15 to WR5 waveguide standards
- **Lowpass Filter Range**
WR19 to WR6 waveguide standards
- **Upper Frequency Limit**
400 GHz capability across select configurations
- **Filter Types**
Bandpass (including fullband variants), highpass, and lowpass topologies
- **Custom Design Options**
Application-specific filter configurations available upon request

APPLICATIONS

5G/6G & Telecommunications:
Sub-THz communication
systems and point-to-point links
requiring high selectivity and
low insertion loss

SATCOM: Payload filtering and
signal isolation for satellite
communication terminals

Defense & Aerospace: RF signal
processing for radar, imaging,
and heterodyne receiver front-
end filtering

Research & Test: Millimeter-
wave test platforms, amplifier
output conditioning, and LNA
input protection