

Semi Rigid & Flexible Test Cables up to 110 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
DC to 110 GHz
- **Electrical Performance**
Optimized impedance matching and minimal VSWR
- **Dielectric**
Low-loss materials for signal fidelity
- **Length Options**
Multiple configurations to accommodate diverse system architectures
- **Cable Types**
Semi-rigid and flexible designs
- **Shielding**
Electromagnetic integrity through shielded construction
- **Connectors**
Standard RF connectors including SMA and precision subminiature connectors

APPLICATIONS

5G/6G & Telecommunications:
Millimeter-wave frequency bands for next-generation wireless infrastructure validation and network testing

Defense & SATCOM: Radar platforms, satellite communication systems, and secure communication networks demanding high-frequency performance

Laboratory Measurements:
Flexible test cables for connections between network analyzers, signal generators, and devices under test (DUTs)

mmWave Component Testing:
Characterization of amplifiers, mixers, and RF front-end components up to 110 GHz

Research & Development:
Extended frequency coverage supports emerging sub-terahertz applications