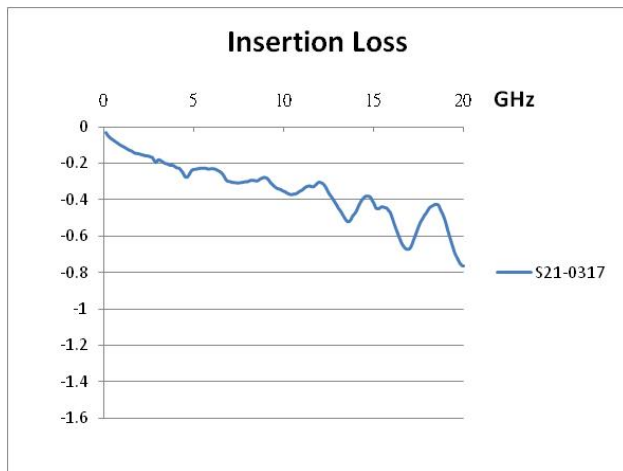
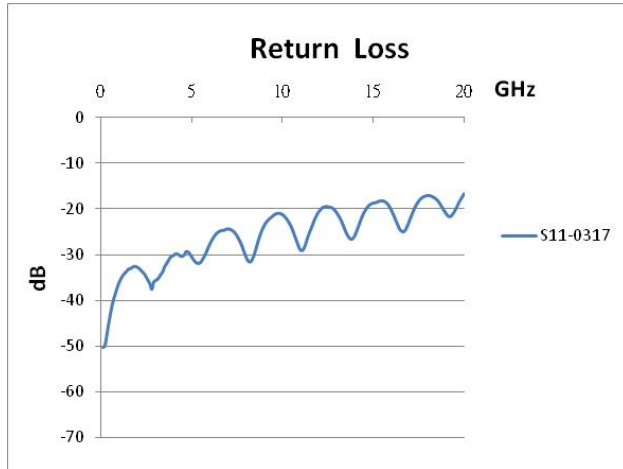


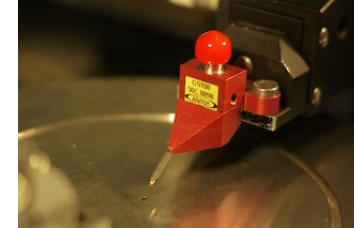


ALLSTRON RF Probe 50GHz

Model: ASP-GS-100-50-C



- **50GHz Electric Performance**
- Characteristic impedance: 50Ω
- Frequency range: DC ~ 50GHz
- DC voltage: max.100V
- DC current: max 1A
- RF Power @ 10GHz max: 5W
- Contact resistance on Au: 0.05Ω
- Return loss to 20GHz: max. -18dB
- Insertion loss to 20GHz: max - 0.8dB



- **50GHz Mechanic Performance**
- Cantilever needle material: Nickel alloy
- Body: Aluminum alloy
- Contact pressure at 2mils over travel: ~ 20g
- Contact cycles: min. 1 Million touch downs in auto probing mode
- Ground and Signal alignment error: max. 15um
- Planarity: max. 15um
- Scribing mark width: 30um
- Connector: 2.4mm connector
- Available pitch: 50um to 1250um in 50um steps
- Available configuration: SG and GS
- C series is the 90 degree connector angle

