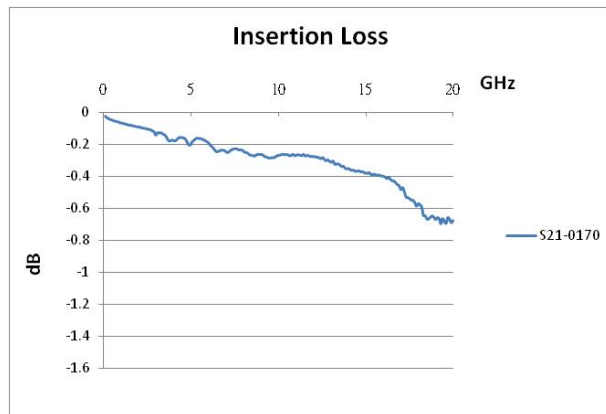
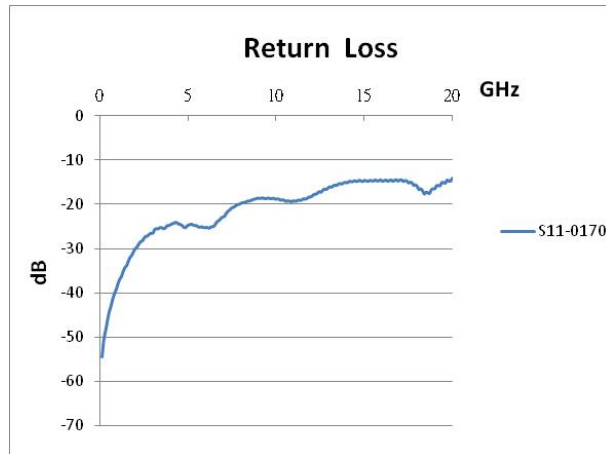




ALLSTRON RF probe 40GHz

Model: ASP-GS-100-40-P



- **40GHz Electric performance**
- Characteristic impedance: 50Ω
- Frequency range: DC ~ 40GHz
- DC voltage: max.100V
- DC current: max 1A
- RF Power @ 10GHz max: 5W
- Contact resistance on Au: 0.05Ω
- Return loss to 20GHz: max. -16dB
- Insertion loss to 20GHz: - 0.7dB

- **40GHz 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: 2.92mm connector
- Available pitch: 50um to 1250um in 50um steps
- Available configuration: SG and GS
- P series is the 45 degree connector angle

