**40GHz Probes**

GTL Microwave Probes were developed to provide superior electrical performance and unparalleled durability when used for probing on wafer, package, BGA, PCB, socket, backplane, high density interconnect, etc. The ruggedized probe tips extend the life of the probes.

**Electrical Characteristics:**
- 50 Ohm Impedance
- DC to 40 GHz Frequency Range
- -15 dB Return Loss
- 1.5 dB Insertion Loss

**Mechanical Characteristics:**
- Probe Tip Configurations:
  - GS | SG | GSG
- 2.92 mm connector that is mechanically compatible with:
  - SMA Cables
  - 3.5 mm Cables
  - 2.92 mm Cables
- Maximum Connector Torque:
  - 10 inch-lbs
- Gold Plated Probe Tips
- Standard Pitches:
  - 100μ, 150μ, 200μ, 250μ, 300μ, 450μ, 500μ, 600μ, 750μ, 1000μ
- Custom Pitches Available

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**Model GTL40-500-GSG-DX**

- LOG MAG | Insertion Loss dB | 1 dB/DIV

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**Model GTL40-500-GSG-DX**

- LOG MAG | Return Loss dB | 10 dB/DIV

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Phone: (408)524-2700  
Website: Gigatest.com
40 GHz Probes are also available in a Deep Access Probe Body.