



# GigaTest Labs

Serving the Electronics Industry with Engineering Excellence



## Dual 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***

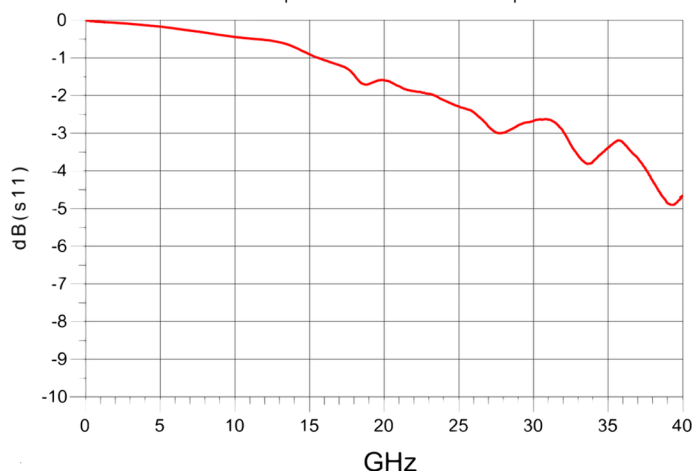
### Electrical Characteristics:

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

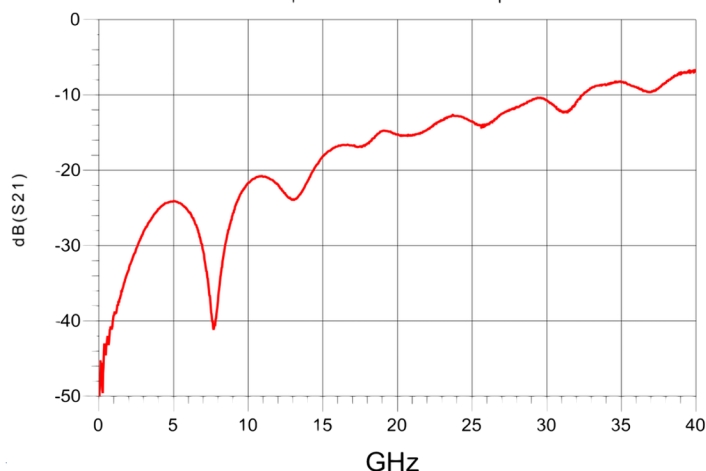
### Mechanical Characteristics:

- Probe Tip Configurations: GSSG
- 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:
  - 200 $\mu$ , 250 $\mu$ , 300 $\mu$ , 450 $\mu$ , 500 $\mu$ , 600 $\mu$ , 750 $\mu$ , 1000 $\mu$
  - Custom Pitches Available
- Signal to Signal Pitch is adjustable from 200 $\mu$  -1500 $\mu$

GTL40-750-GSSG-DX S/N 1290 GS  
LOG MAG | Insertion Loss dB | 1 dB/DIV



GTL40-750-GSSG-DX S/N 1290 GS  
LOG MAG | Return Loss dB | 10 dB/DIV



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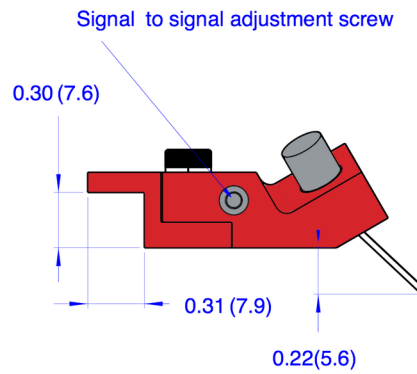
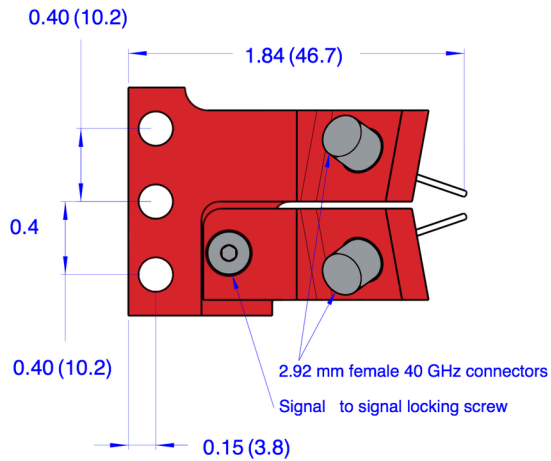
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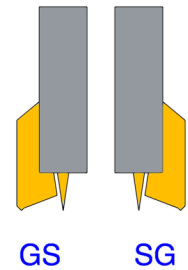


# GTL 40 GHz RF Probes

## Dual Probe Mechanical Outline



### PROBE TIP CONFIGURATION



**KEYSIGHT**  
TECHNOLOGIES

Solutions Partner



*GigaTest Labs*

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