



100G / 400G Testing Fixture and Probes

RF Test Fixture for Optical Module



◆ Application

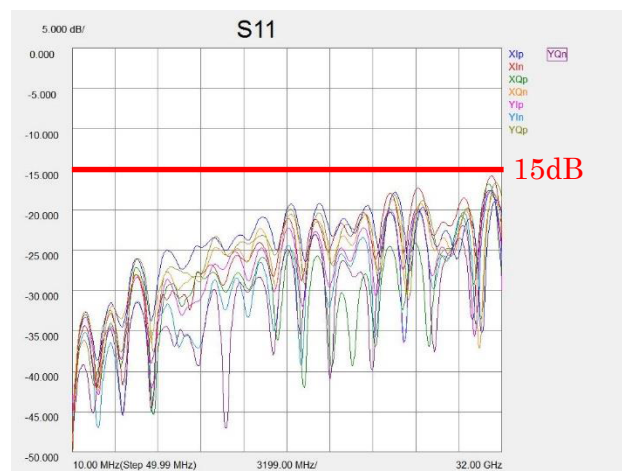
- 100G ICR (1st, 2nd Gen, Micro, High bandwidth)
- 100G Transponder

◆ Feature

- DC up to 65GHz
- Stable contact, Easy Handling and Perfect alignment
- Good to use in R&D and Production
- User can measure PKG performance itself.
- Custom Design Available
- Calibration / De-Embedding

100G DP-QPSK Test

◆ Typical Performance of GSGSG 1mm pitch (Fixture itself,)



RF Test Fixture for PKG IC & RF Probe Card

◆ Application

- TIA
- Laser Driver (VCSEL, DML)
- Modulator Driver
- Limiting Amp
- MUX/DEMUX etc...

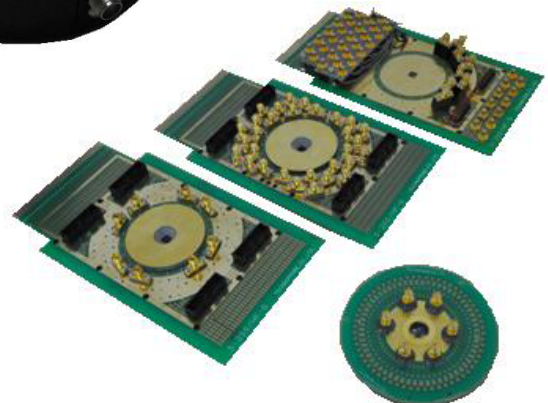
◆ Feature (Test Fixture)

- Frequency: DC up to 67GHz
- Durable and Easy handling
- Good to use in R&D and Production
- Custom Design Available.



Feature (Probe Card)

- Frequency: DC up to 67GHz (DC, 10, 20, 40, 50 and 67GHz)
- Customdesign / Non Initial Cost
- Short Lead time
- Up to 32 RF Ports
- Skew Adjustable
-



製造メーカー



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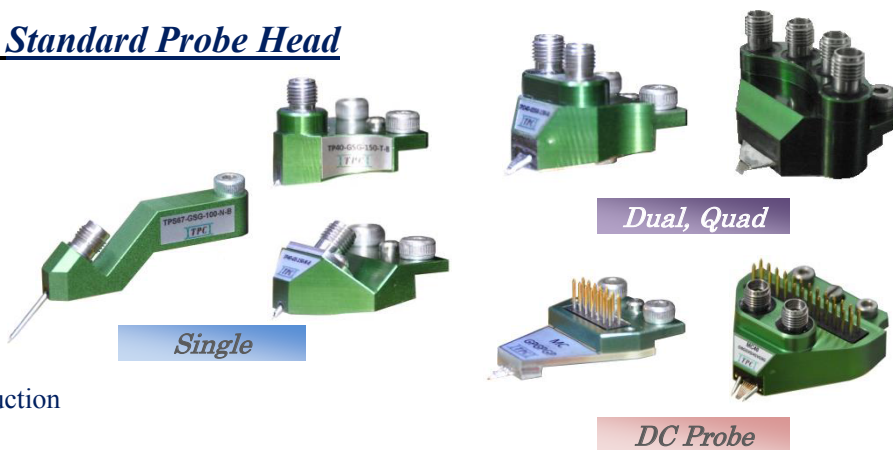
Custom design Probe Head & Standard Probe Head

◆ Application

- TIA
- Laser Driver (VCSEL, DML)
- Modulator Driver
- Limiting Amp
- MUX/DEMUX etc...

◆ Feature

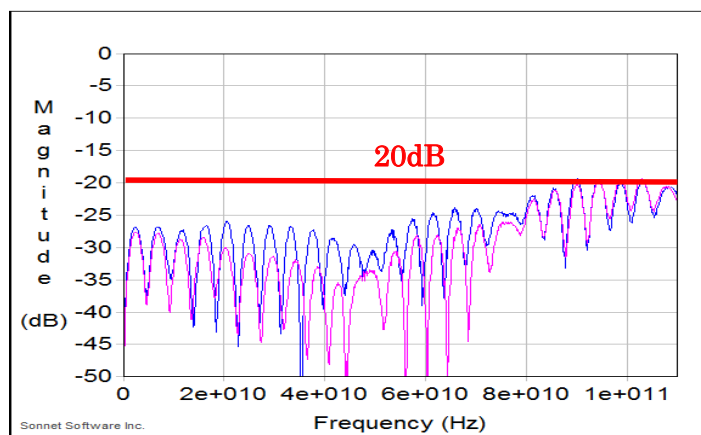
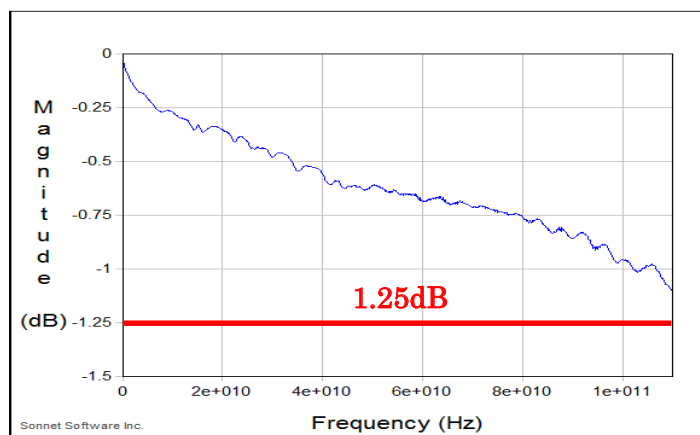
- Frequency: DC up to 110GHz
- Good to use in R&D and Production
- Durable and Easy handling
- Custom Design RF and DC Probe Available



Item		Single RF	Dual RF	Quad RF	RF+DC
Frequency (GHz)		26.5, 40, 50, 67, 110	26.5, 40, 50, 67	26.5, 40, 50, 67	26.5, 40, 50, 67
RF Configuration		GSG, GS, SG	GSSG, GSGSG	GSGSGSGSG	Custom Design
Pitch		50-1000 (μm)	50-1000 (μm)	Custom Design	Custom Design
Impedance	50ohm	Available all configuration			
	Diff 100ohm	GSSG			
Insertion Loss(*)		IL<1.1dB@110GHz	IL<1.3dB@67GHz	IL<1.5dB@40GHz	TBD
Return Loss(*)		RL>18dB@110GHz	RL>15dB@67GHz	RL>14dB@40GHz	TBD
Calibration Substrate		Available	Available	TBD	TBD

(*)150um pitch performance

◆DC-110GHz GSG -150um probe Typical Performance



Diff 100ohm FIXTURE and PROBE for GSSG configuration & Skew Match Available

Another Item

- ◆ DC Probe Card
- ◆ RF Probe Station / Manipulators
- ◆ Test Cables

- ◆ **Device Modeling Service**
- ◆ **RF Measurement Service**



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