

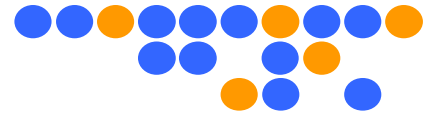
VNA Calibration Standards

3.5mm Calibration Kit (DC ~ 9 GHz)



■ Specification

Model		GCS35M-9G
Connector Type		3.5 mm
Frequency Range		DC ~ 9 GHz
LOAD		< -38 dB (Return Loss)
OPEN, SHORT	Magnitude	0.15 dB
	Phase Deviation	> $\pm 1.5^\circ$
Applicable Instruments		Agilent, Anritsu, Advantest VNA Series
Main Material		Stainless Steel with Gold Plating
Adapters (Options)		3.5 mm Phase Matched Set
Torque Wrench (Options)		0.9 N/m or 0.54 N/m Calibrated



■ 3.5mm Calibration Kits



P/N : GCS35M-9G-MS

- **Male Set**
 - Open/Short/Load



P/N : GCS35M-9G-FS

- **Female Set**
 - Open/Short/Load



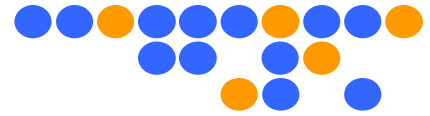
P/N : GCS35M-9G-ES

- **Economy Set**
 - Male Set
 - Female Set
 - Wood Case



P/N : GCS35M-9G

- **Full Set**
 - Male Set
 - Female Set
 - Phase Matched Adapters
 - Torque Wrench
 - Wood Case



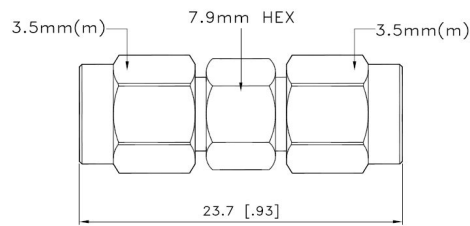
VNA Calibration Standards

■ 3.5mm Phase Mated Adapters

[3.5mm Male to Male]



P/N : GPA35M-MM

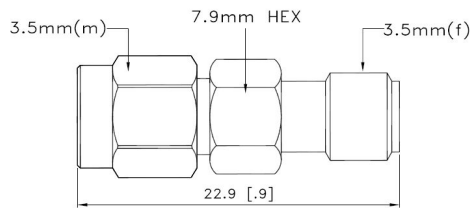


Freq.	DC to 26.5 GHz
VSWR	MAX 1.1

[3.5mm MALE to Female]



P/N : GPA35M-MF

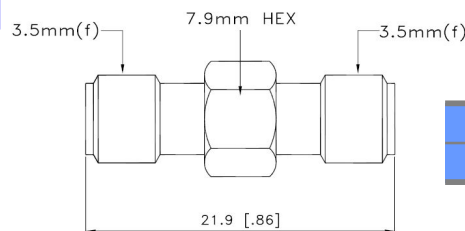


Freq.	DC to 26.5 GHz
VSWR	MAX 1.1

[3.5mm Female to Female]



P/N : GPA35M-FF

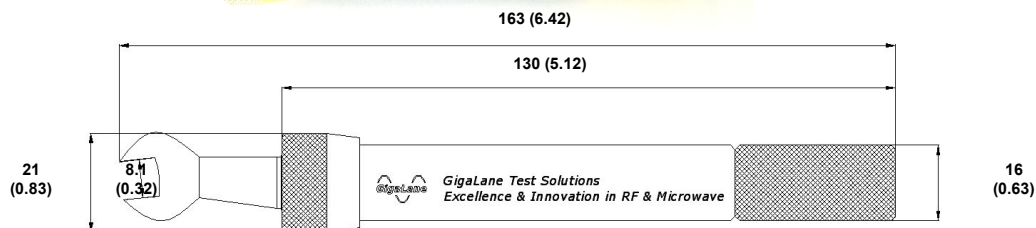


Freq.	DC to 26.5 GHz
VSWR	MAX 1.1

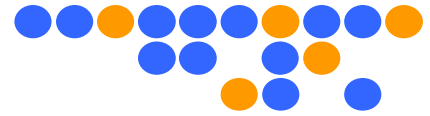
■ Torque Wrench



Unit : mm (inch)



P/N	GTW8M (0.9N · m)
Torque	0.9 N·m ± 3% (8 lbs·inch) 0.56 N·m ± 4% (5 lbs·inch)
Head Opening	8.1 mm (0.319 inch) for 8 mm (0.315 inch) nuts
Length	163 mm (6.42inch)
Weight	140 g (4.94 oz)



VNA Calibration Standards

■ Test Data Comparison [Low Loss Microwave Cable, 1m]

- Test Equipment : Agilent 8510C VNA
- Frequency Range : 45MHz ~9GHz
- Calibration Method : Full 2-port SOLT Calibration
- Test Item : 2 port S-parameters
- Test Device : Low Loss Microwave Cable (1m length)



Agilent 85033E : — GigaLane GCS35M-9G : —

