

Dual TITAN™ Probes for Wireless Applications

Dual Probes for Characterization of Multiport and Differential RF ICs

The TITAN™ probe family includes dual 26 GHz in GSGSG, GSSG and SGS configuration for cost-effective characterization of multiport and differential front-ends, integrated circuits and components of commercial wireless applications.

26 GHz Probe Model: T26D

Typical Electrical Characteristics

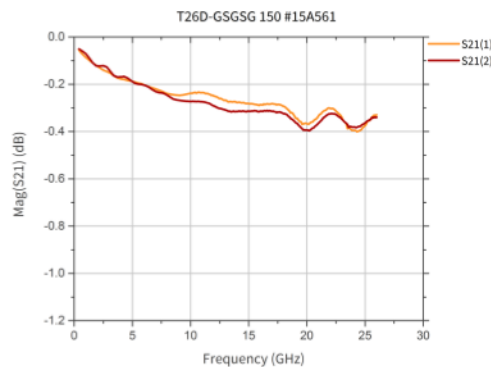
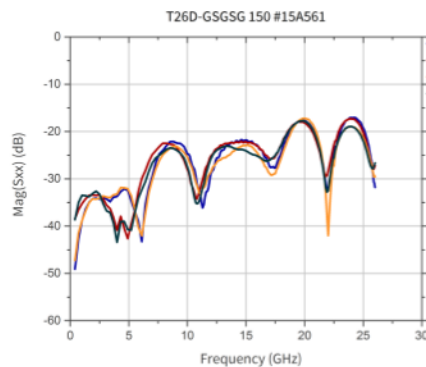
Characteristic Impedance	50 Ω
Frequency range	DC to 26 GHz
Insertion loss (GSG configuration) ¹	< 0.5 dB
Return loss (GSG configuration) ¹	> 14 dB
Port crosstalk	< -28 dB
DC current	≤ 1 A
DC voltage	≤ 100 V
RF power, @10 GHz	≤ 5 W



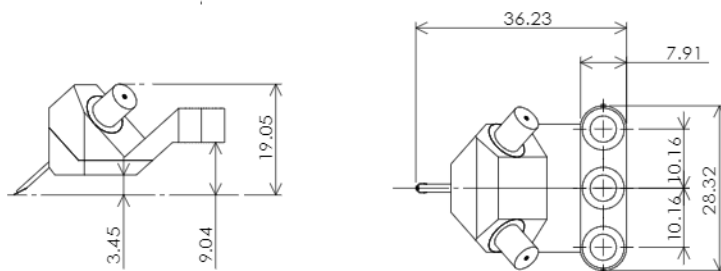
Mechanical Characteristics

Connector	SMA (boosted)
Pitch range	100 to 250 μm
Standard pitch step	25 μm
Tip configurations	GSSG, GSGSG
Connector angle	A-Style: 45-degree

Typical Electrical Characteristics: Dual 26 GHz GSGSG probe, 100 micron pitch



Body Dimensions Probes



unit: mm