

SMA PLUG ONTO SEMI-RIGID 0.086 CABLE L: 93.5mm TO SMA PLUG



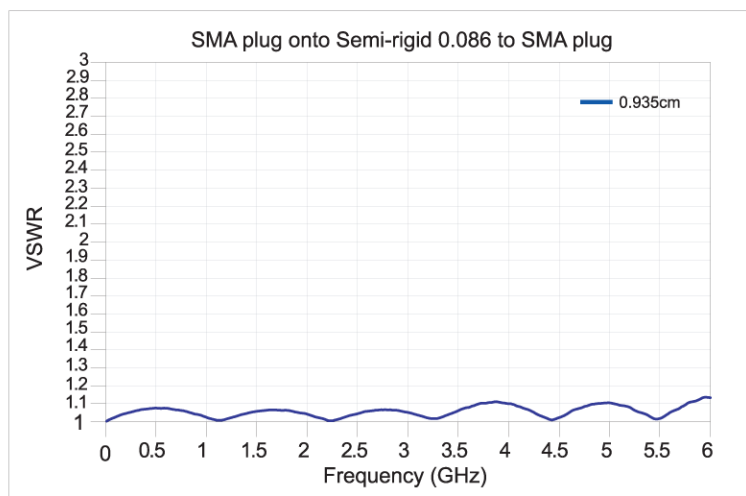
ELECTRICAL SPECIFICATIONS	
Cutoff Frequency: 90GHz	Shielded Effectiveness: >90dB
Velocity of Propagation: 66%	DC Resistance
Dielectric Constant: 2.30NA	Inner Conductor: 266Ohm/km
Time Delay: 5.05nS/m	Outer conductor: 31.2Ohm/km
Impedance: 50Ohm	Voltage Withstand: 500V DC
Capacitance: 101.1pF/m	Jacket Spark: 2000V RMS
Inductance 0.25uH/m	Peak Power: 0.6kW

MECHANICAL SPECIFICATIONS
Bend Radius (Installation): 6.4mm
Bend Radius (repeated): 25.4mm
Bending Moment: 0.14N-m
Tensile Strength: 6.8kg
Flat Plate Crush: 0.18kg/mm

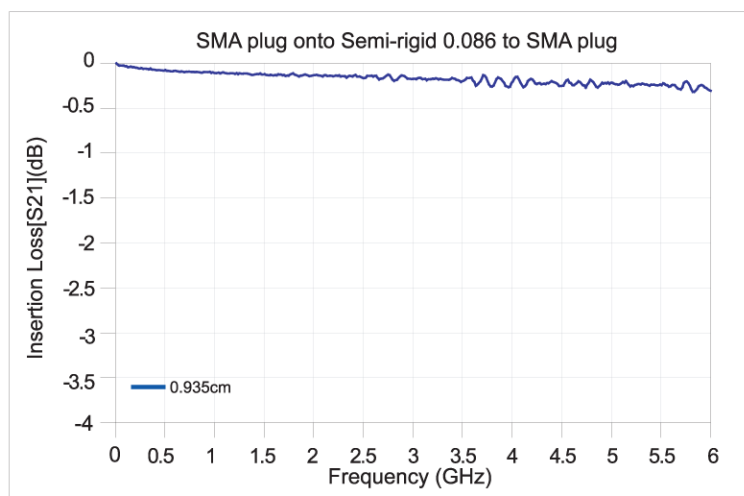
Semi-Rigid Assemblies

SMA 2-hole jack onto Semi-rigid 0.086 cable L: 235mm to SMA plug										
Test data	VSWR(max:1)					Insertion Loss (dB)				
CBL Length	Use band									
			ISM band		ISM band				ISM band	
	GSM/3G*	GPS	2.4-2.5GHz	3.4-3.7GHz	4.9-5.875GHz	GSM/3G*	GPS	2.4-2.5GHz	3.4-3.7GHz	4.9-5.875GHz
93.5mm	1.1:1	1.1:1	1.15:1	1.15:1	1.15:1	-0.10	-0.15	-0.20	-0.28	-0.35

VSWR



Insertion Loss



*GSM is including 890-960MHz, 1880-1900MHz, therefore our GSM/3G testing frequency covers up to 2GHz

For customized cables, please refer to page or send us your inquiry to wireless@grand-tek.com

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