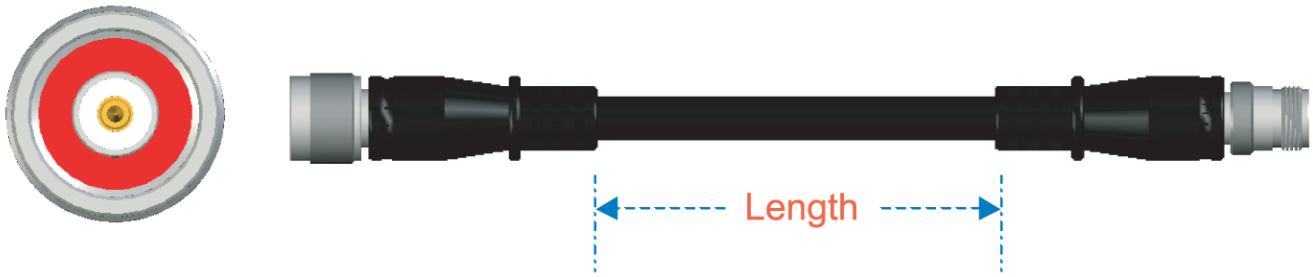
N MALE TO N FEMALE WITH LMR400



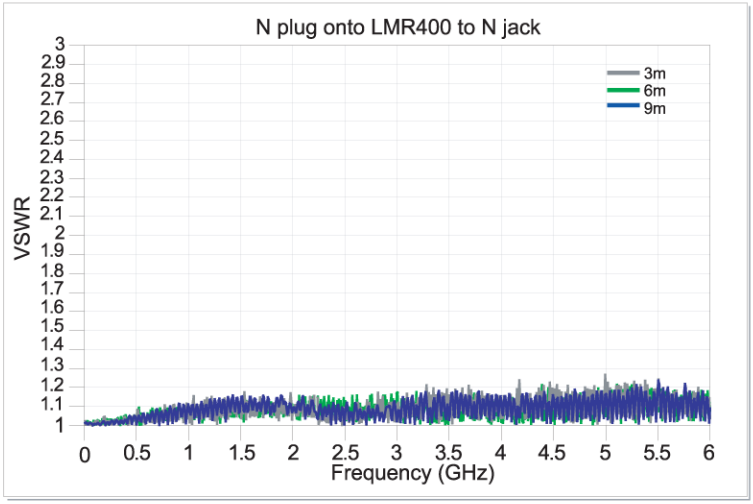
LMR400

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

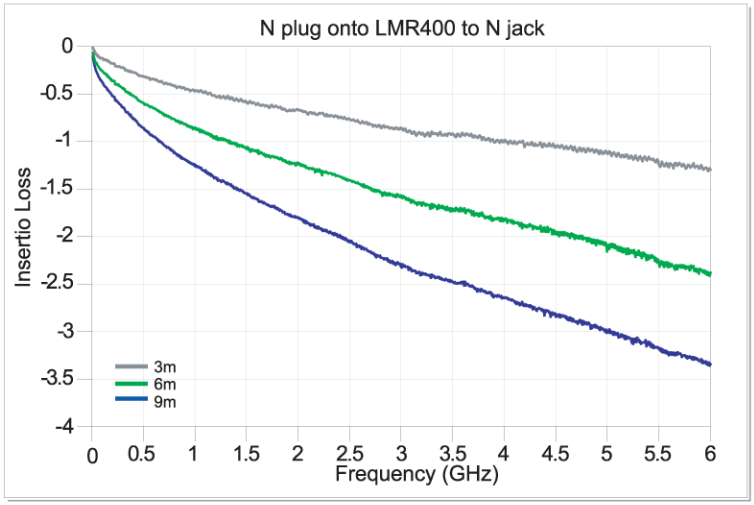
MECHANICAL SPECIFICATIONS
Bend Radius (Installation): 6.4mm
Bend Radius (repeated): 25.4mm
Bending Moment: 0.14N-m
Tensile Strength: 6.8kg
Flat Plate Crush: 0.18kg/mm

N Male onto LMR400 cable to N Female											
Test data		VSWR(max:1)					Insertion Loss (dB)				
P/N	Cable Length	Use band									
				ISM 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
8-4-003-300	3m	1.5:1	1.2:1	1.2:1	1.25:1	1.4:1	-0.5	-0.63	-0.82	-1.05	-1.36
8-4-003-600	6m						-0.9	-1.15	-1.46	-1.85	-2.46
8-4-003-900	9m						-1.3	-1.65	-2.1	-2.6	-3.4

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