

PRODUCT SPECIFICATIONS

SMA Right Angle Plug Crimp For RG 174 Or RG 316 Or RG188 Or LMR100 Cable

40190308005017



Electrical

Impedance	50 Ω
Frequency Range	DC-12.4 GHz
V.S.W.R	1.33 max. @6 GHz 1.52 max. @12.4 GHz
Insertion Loss	0.15 dB max. @6GHz
Voltage Rating	250 volts rms. at sea level
Dielectric Withstanding Voltage	750 volts rms. at sea level
Insulation Resistance	5000 Megohms min.
Contact Resistance	Center contact = 3.0 Milliohms max. Outer contact = 2.0 Milliohms max.
Power Handling	125W

Mechanical

Mechanical	1/4"-36 Threaded coupling
Durability	500 Cycles
Cable Retention	15 lbs min.
Center Contact Retention	6 lbs min. Axial force
Coupling Proof Torque	15 in-lbs min.
Recommended Coupling Torque	7~10 inch-lbs

Material

Connector Body	Brass, Stainless steel
Center Contact	Brass
Insulation	PTFE
Gasket	Silicone

Environmental

Temperature	-65°C to 165°C
Vibration	Refer to MIL-STD-202 Method 204 Test Cond. D.
Salt Spray	Refer to MIL-STD-202 Method 101 Test Cond. B.

Related Documents

Assembly instructions	CM-06
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Test Report

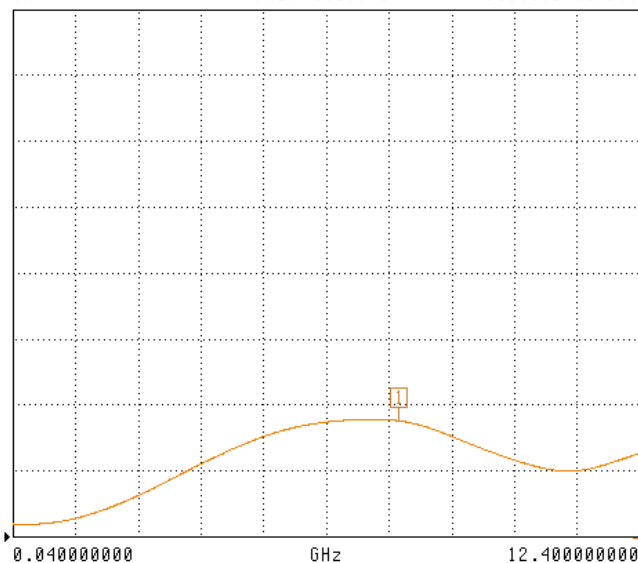
S11 FORWARD REFLECTION

FGT

SWR

REF=1.000 U

100.000 mU/DIV



CH 3 - S11
0.0000 mm REF
0.000 dB OFFSET
0.00° OFFSET

MARKER 1
7.641400000 GHz
1.176 U

▶ MARKER TO MAX
MARKER TO MIN

MARKER READOUT
FUNCTIONS