

PRODUCT SPECIFICATIONS

Straight SMA Plug-BNC Jack Coaxial Adapter

40131101900001(19-29-1 TGN)



Electrical

Impedance	50 Ω
Frequency Range	DC-4 GHz
V.S.W.R	1.2 max.
Insertion Loss	0.3 dB max.@3GHz
Voltage Rating	500 volts rms. at sea level
Dielectric Withstanding Voltage	1000 volts rms. at sea level
Insulation Resistance	5000 Megohms min.
Contact Resistance	Center contact = 4.5 Milliohms max. Outer contact = 3.0 Milliohms max.
Power Handling	220W

Mechanical

Mechanical	1/4"-36 Threaded coupling Bayonet locking
Durability	500 Cycles
Center contact retention	4 lbs Axial force
Coupling Proof Torque	8 in-lbs min.
Recommended Coupling Torque	3~5 inch-lbs

Material

Connector Body	Brass
Center Contact	Brass
Insulation	PTFE
Gasket	Silicone

Environmental

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

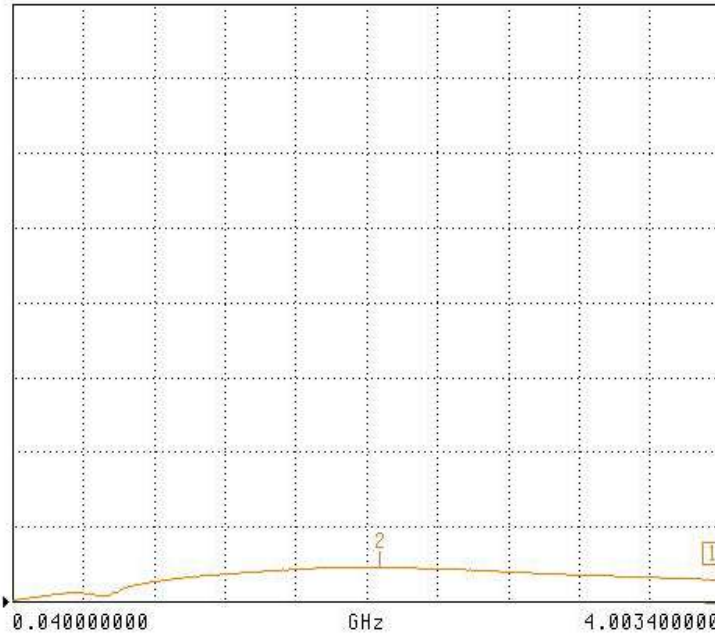
Test Report

S22 REVERSE REFLECTION

SWR

REF=1.000 U

100.000 mU/DIV



CH 1 - S22
0.0000 mm REF
0.000 dB OFFSET
0.00° OFFSET

MARKER 1
4.00340000 GHz
1.029 U

MARKER TO MAX
MARKER TO MIN

2 2.09620000 GHz
1.045 U

MARKER READOUT
FUNCTIONS