

PRODUCT SPECIFICATIONS

Straight Slide-on BNC Plug-BNC Jack Adapter

40131109500004 (13-83-1-TGN)



Electrical

Impedance	50 Ω
Frequency Range	DC to 4 GHz
V.S.W.R	1.3 max. @4 GHz
Insertion Loss	0.4dB max.
Voltage Rating	500 volts rms. at sea level
Dielectric Withstanding Voltage	1,500 volts rms. at sea level
Insulation Resistance	5,000 Megohms min.
Contact Resistance	Center contact = 3.0 Milliohms max. Outer contact = 2.0 Milliohms max.
Power Handling	500 W

Mechanical

Mechanical	Two stud bayonet / Slide-on coupling
Durability	500 Cycles
Center contact retention	6 lbs Axial force

Material

Connector Body	Brass / Beryllium Copper
Center Contact	Beryllium Copper
Insulation	PTFE

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.

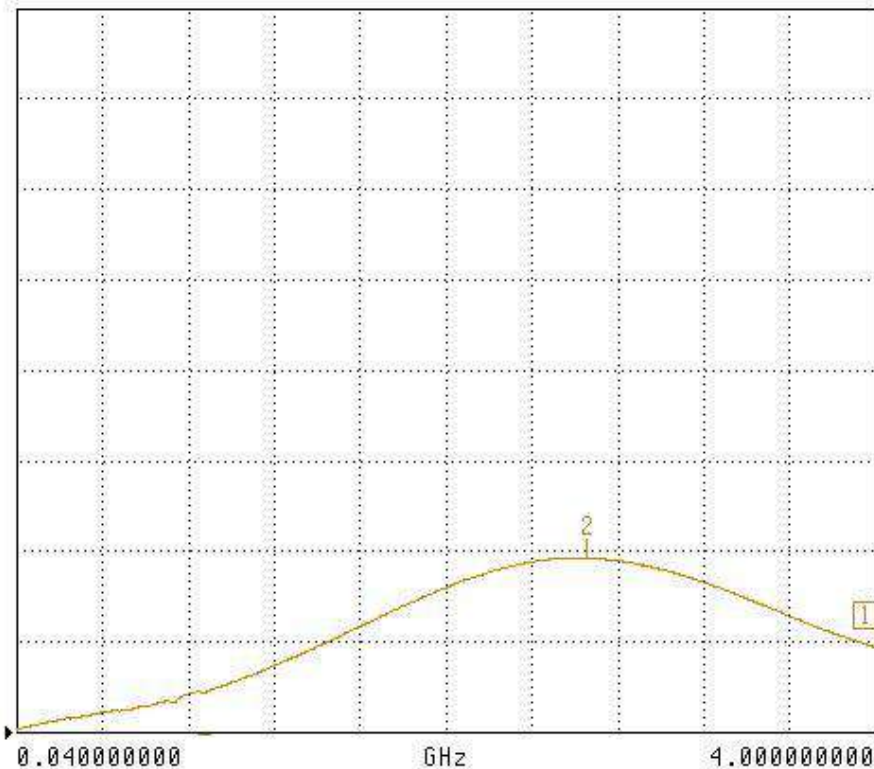
Test Report

S11 FORWARD REFLECTION

SWR

REF=1.000 U

100.000 mU/DIV



CH 1 - S11
0.0000 mm REF
0.000 dB OFFSET
0.00° OFFSET

MARKER 1
4.000000000 GHz
1.094 U

MARKER TO MAX
MARKER TO MIN

2 2.673400000 GHz
1.192 U

MARKER READOUT
FUNCTIONS