

PRODUCT SPECIFICATIONS

6G_75ohm Connectors

BNC Straight Plug Crimp for 1694A Cable

[40130108023025\(13-10-75-1694A-TGN\)](#)



Electrical

Impedance	75 Ω
Frequency Range	DC to 6 GHz
V.S.W.R	1.3 max. @6 GHz
Insertion Loss	0.2dB max.
Voltage Rating	300 volts rms. at sea level
Dielectric Withstanding Voltage	1,000 volts rms. at sea level
Insulation Resistance	5,000 Megohms min.
Contact Resistance	Center contact = 1.5 Milliohms max. Outer contact = 1.0 Milliohms max.
Power Handling	120W

Mechanical

Mechanical	Two stud bayonet coupling
Durability	500 Cycles
Center contact retention	6 lbs Axial force mating end

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.

Related Documents

Assembly instructions	CM-03
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Test Report

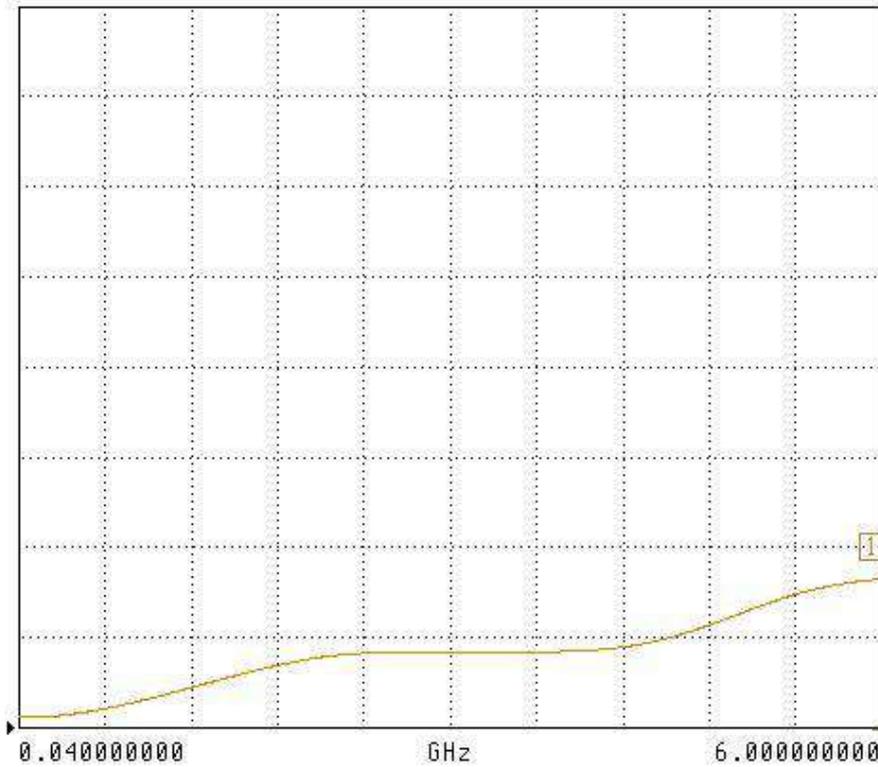
S11 FORWARD REFLECTION

FGT

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
6.000000000 GHz
1.164 U

MARKER TO MAX
MARKER TO MIN

MARKER READOUT
FUNCTIONS