

Part No.: TBG-0640-3S-90

90 Degree 3dB Bridge

Electrical:

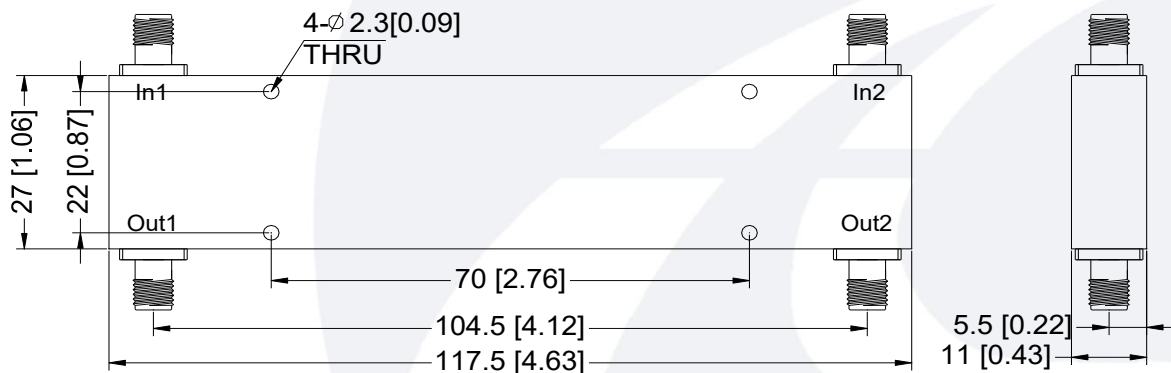
Frequency Range: 0.6-4GHz
Coupling : 3dB
Insertion Loss: 0.8db typ, 0.9db max
Isolation: 20db typ, 18db min
VSWR: 1.3 typ, 1.4 max
Amplitude Balance: ± 0.6 dB max
Phase Balance: $\leq \pm 8$ degree
Power Handling: 50 Watt
Impedance: 50 OHMS

Mechanical:

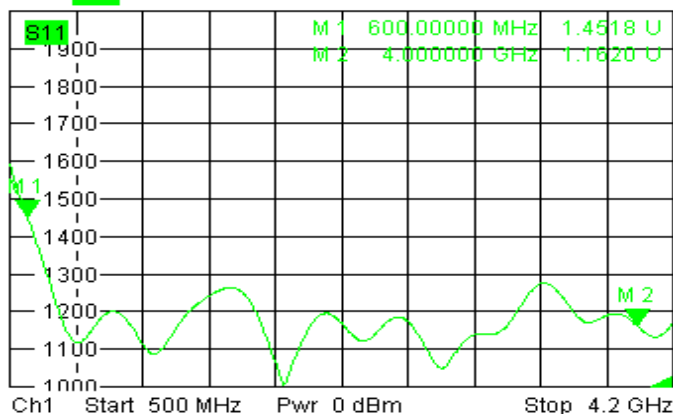
Temperature Range: $-45^{\circ}\text{C} - +85^{\circ}\text{C}$
Connectors: SMA-Female
Relative Humidity: 0 ~ 90%

Outline Drawing:

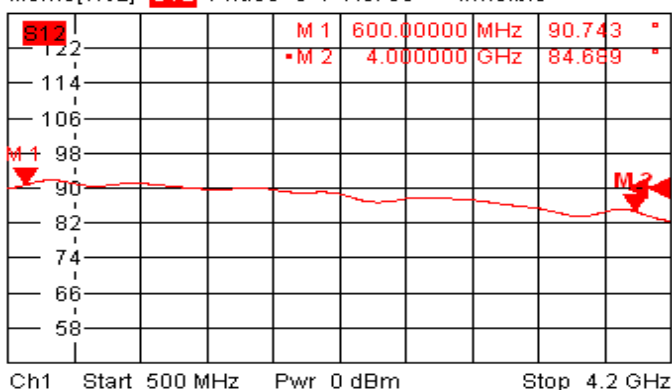
Unit: mm



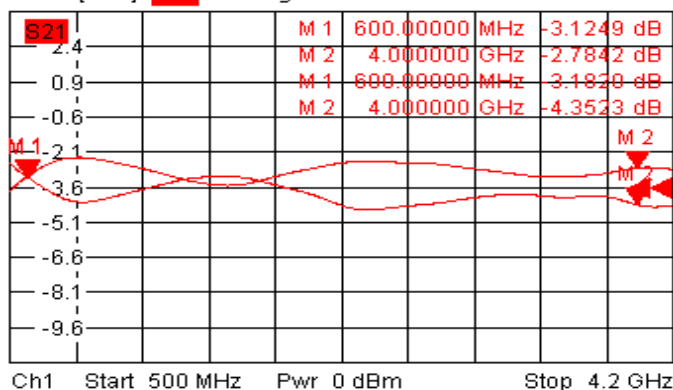
Trc1 **S11** SWR 100 mU/ Ref1 U Cal 1



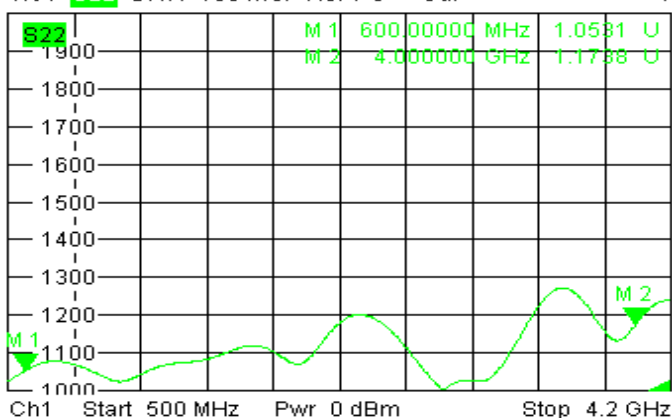
Trc2 **S12** Phase 8° / Ref 90° Cal Math 2
Mem6[Trc2] **S12** Phase 8° / Ref 90° Invisible



Trc3 **S21** dB Mag 1.5 dB / Ref -3.6 dB Cal 3
Mem5[Trc3] **S21** dB Mag 1.5 dB / Ref -3.6 dB



Trc4 **S22** SWR 100 mU/ Ref1 U Cal 4



Trc2 **S12** dB Mag 2 dB / Ref -16 dB Cal
Mem6[Trc2] **S12** dB Mag 2 dB / Ref -16 dB Invisible

2 of 4 (Max)

