

Part No.: TC-05180-20S

20dB Directional Coupler SMA- Female 50Ω 500-18000MHz

Electrical:

Frequency Range: 0.5-18.0GHz

Coupling: $20 \pm 1.5\text{dB}$

Insertion Loss: $\leq 2.0\text{dB}$

VSWR: $\leq 1.7:1$

Directivity: $\geq 10\text{dB}$

Power Handling: 30Watt

Impedance: 50Ω



Mechanical:

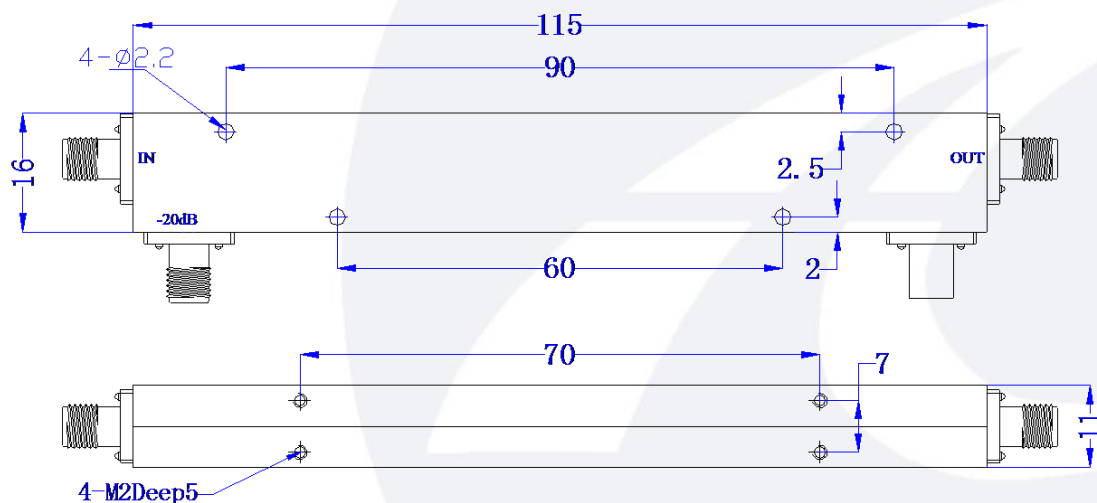
Temperature Range: $-40^{\circ}\text{C} - +80^{\circ}\text{C}$

Connectors: SMA-Female

Relative Humidity: 0 ~ 90%

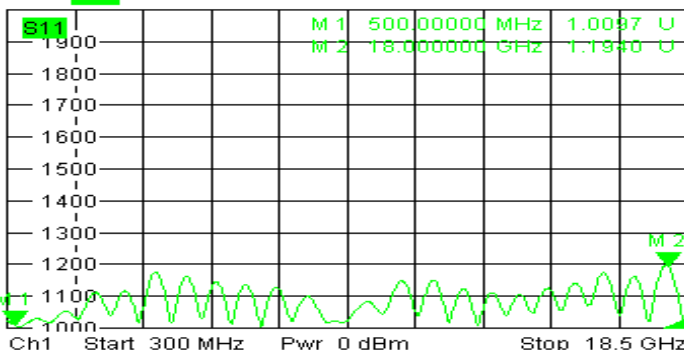
Outline Drawing:

Unit: mm

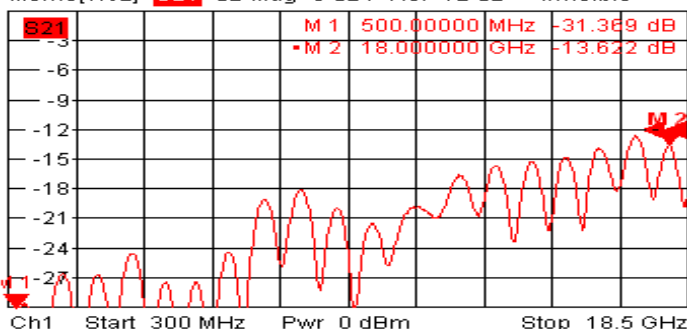




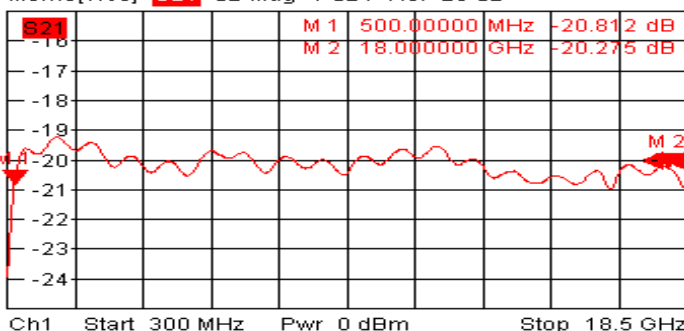
Trc1 **S11** SWR 100 mU/ Ref 1 U Cal 1



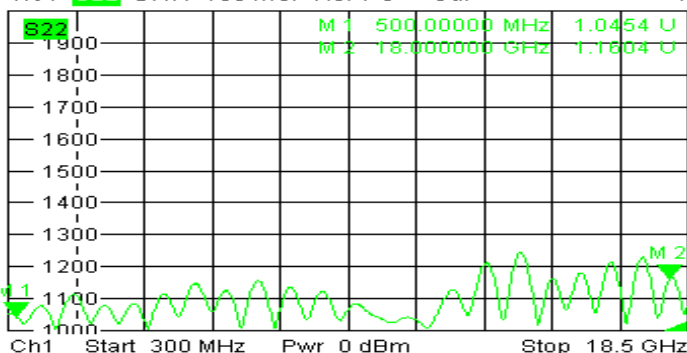
Trc2 **S21** dB Mag 3 dB / Ref -12 dB Cal Math 2
Mem5[Trc2] **S21** dB Mag 3 dB / Ref -12 dB Invisible



Trc3 **S21** dB Mag 1 dB / Ref -20 dB Invisible 3
Mem6[Trc3] **S21** dB Mag 1 dB / Ref -20 dB



Trc4 **S22** SWR 100 mU/ Ref 1 U Cal 4

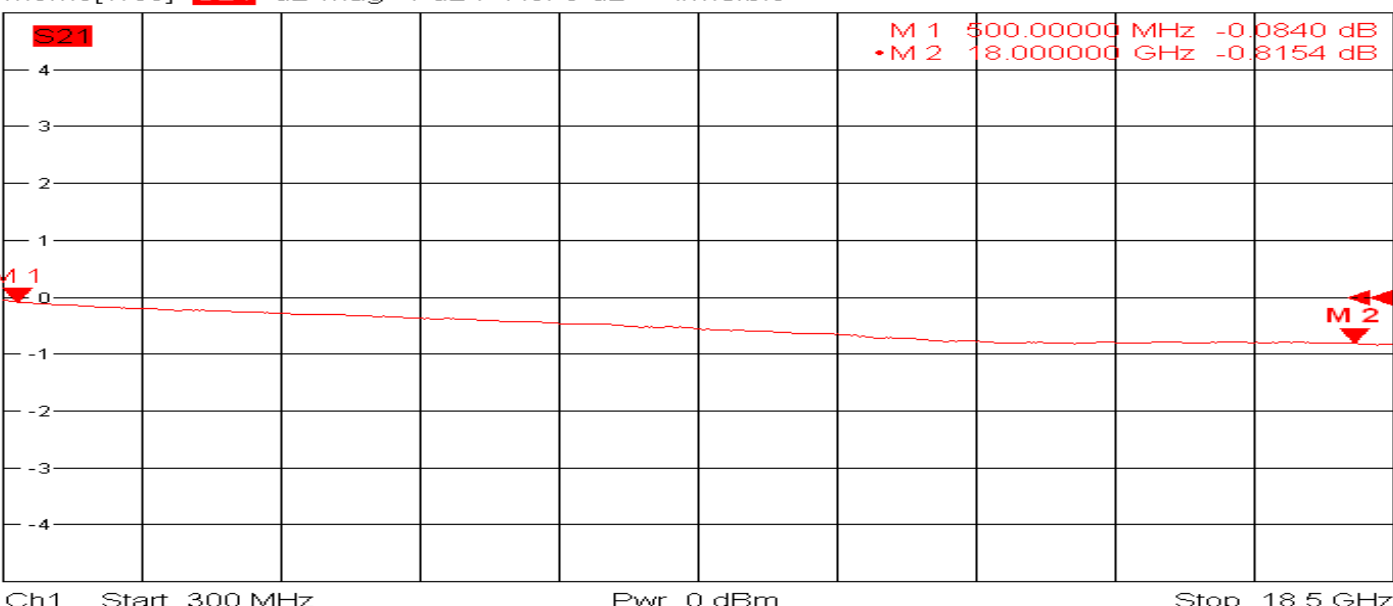


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Trc3 **S21** dB Mag 1 dB / Ref 0 dB Cal
Mem6[Trc3] **S21** dB Mag 1 dB / Ref 0 dB Invisible

3 of 4 (Max)



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