

Part No.: TC-10180-10S

10dB Directional Coupler SMA-Female 50Ω 1-18 GHz

Electrical:

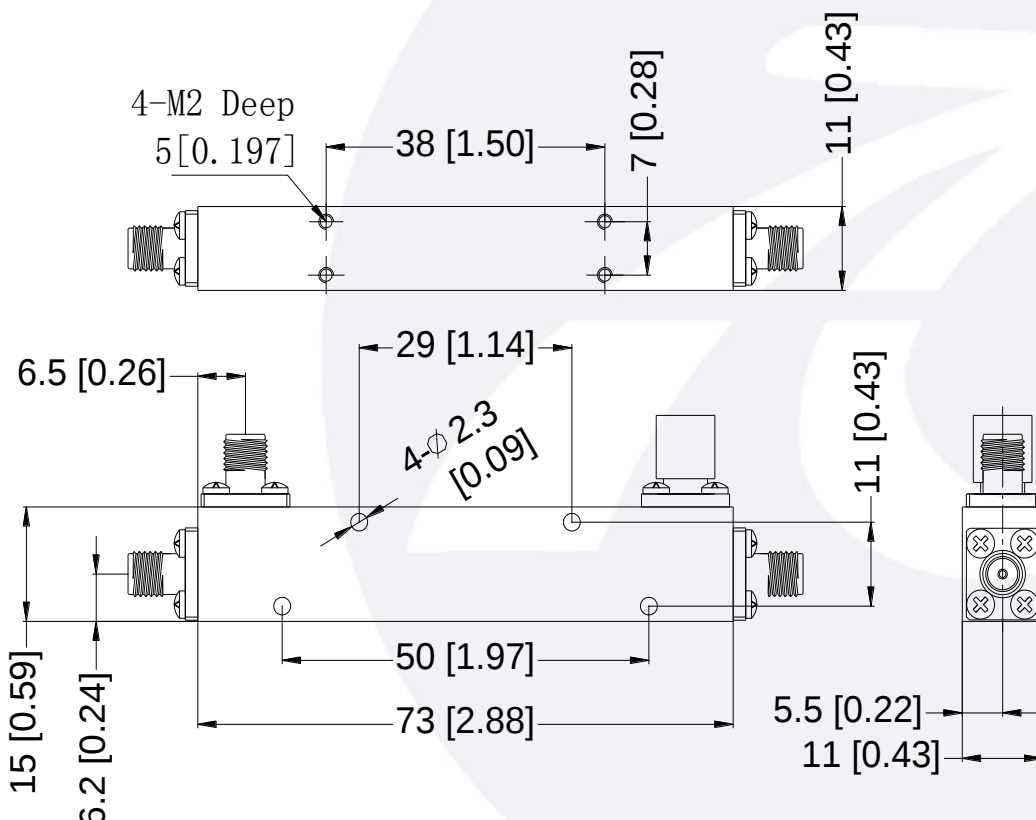
Frequency Range: 1-18 GHz
Coupling:: 10 ± 1.0 db
Insertion Loss: 0.8db typ, 0.9db max
Directivity: : 15db typ, 12db min
VSWR: 1.5 max
Power Handling: 50 Watt
Impedance: 50 OHMS

Mechanical:

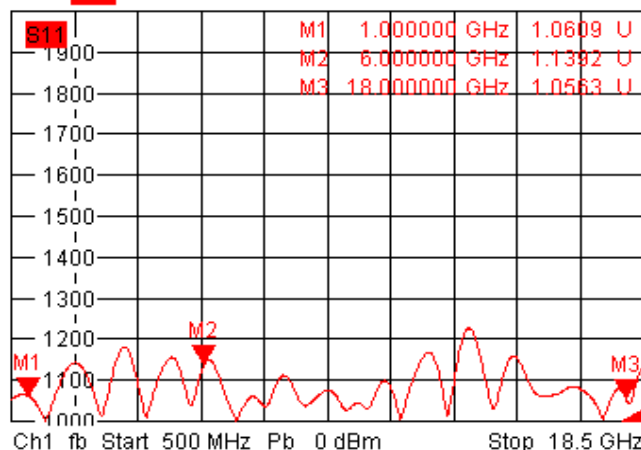
Temperature Range: $-45^{\circ}\text{C} - +85^{\circ}\text{C}$
Connectors: SMA-Female
Relative Humidity: 0 ~ 90%

Outline Drawing:

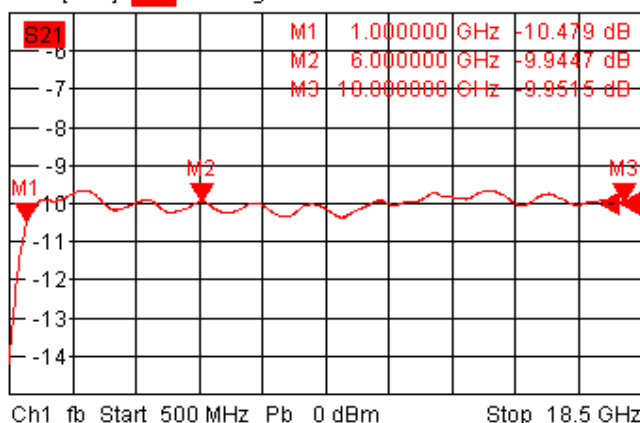
Unit: mm



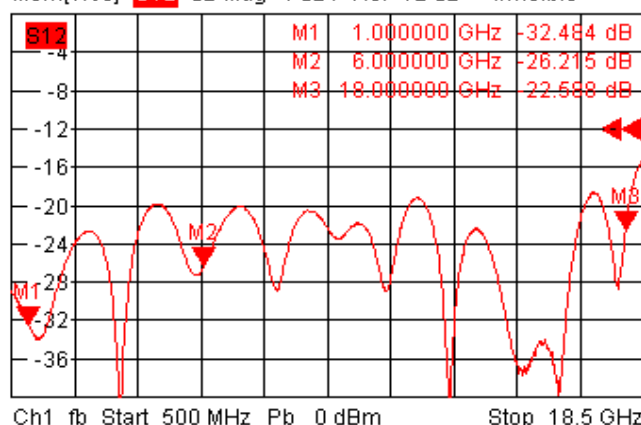
Trc1 **S11** SWR 100 mU/ Ref1 U Cal 1



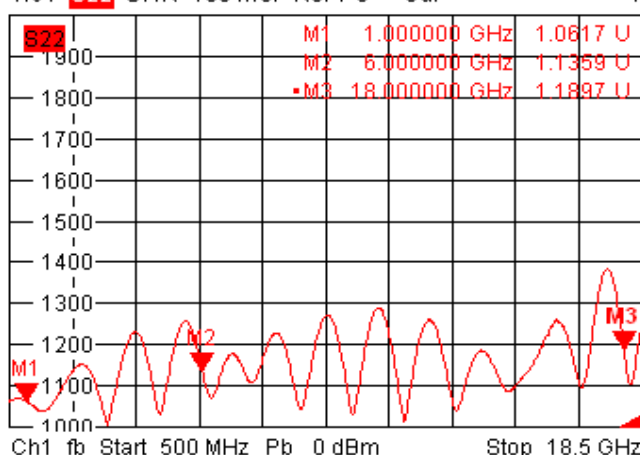
Trc2 **S21** dB Mag 1 dB / Ref-10 dB Invisible 2
Mem[Trc2] **S21** dB Mag 1 dB / Ref-10 dB



Trc3 **S12** dB Mag 4 dB / Ref-12 dB Cal Math 3
Mem[Trc3] **S12** dB Mag 4 dB / Ref-12 dB Invisible



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



Trc1 **S21** dB Mag 1.1 dB / Ref 0 dB Cal 1

