

**Part No.: TC-05265-10S**

## 10dB Directional Coupler SMA -Female 50Ω 0.5-26.5 GHz

### Electrical:

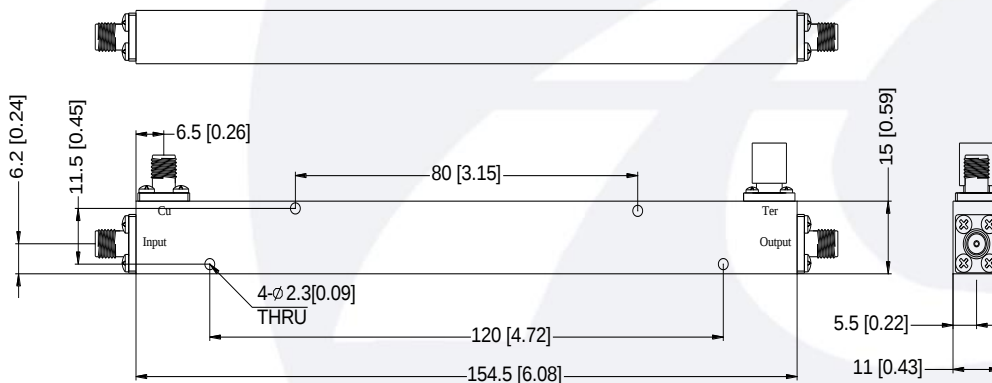
|                  |                      |
|------------------|----------------------|
| Frequency Range: | 0.5-26.5 GHz         |
| Coupling::       | $10 \pm 1.6$ db      |
| Insertion Loss:  | 1.8db typ, 2.8db max |
| Directivity: :   | 12db typ, 10db min   |
| VSWR:            | 1.7 max              |
| Power Handling:  | 30 Watt              |
| Impedance:       | 50 OHMS              |

### Mechanical:

|                    |                 |
|--------------------|-----------------|
| Temperature Range: | -45° C - +85° C |
| Connectors:        | SMA-Female      |
| Relative Humidity: | 0 ~ 90%         |

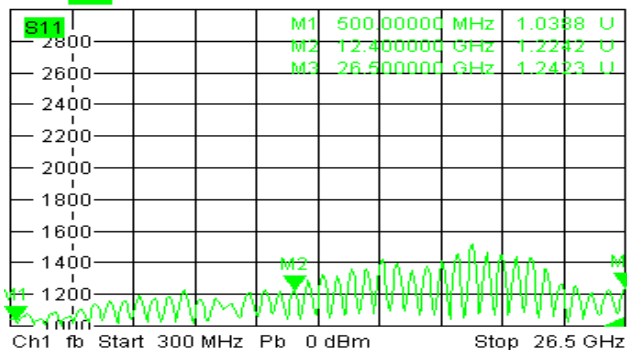
### Outline Drawing:

Unit: mm

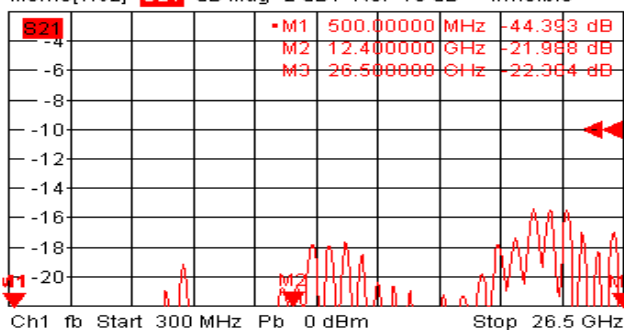




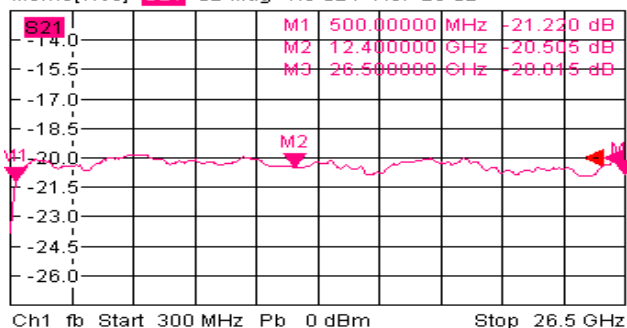
Trc1 **S11** SWR 200 mU/ Ref1 U Cal 1



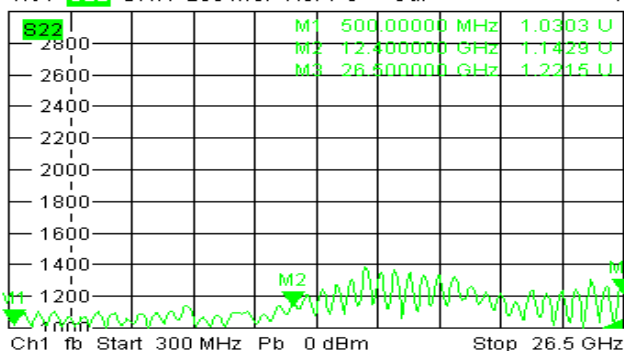
Trc2 **S21** dB Mag 2 dB / Ref-10 dB Cal Math 2  
Mem6[Trc2] **S21** dB Mag 2 dB / Ref-10 dB Invisible



Trc3 **S21** dB Mag 1.5 dB / Ref-20 dB Invisible 3  
Mem5[Trc3] **S21** dB Mag 1.5 dB / Ref-20 dB



Trc4 **S22** SWR 200 mU/ Ref1 U Cal 4

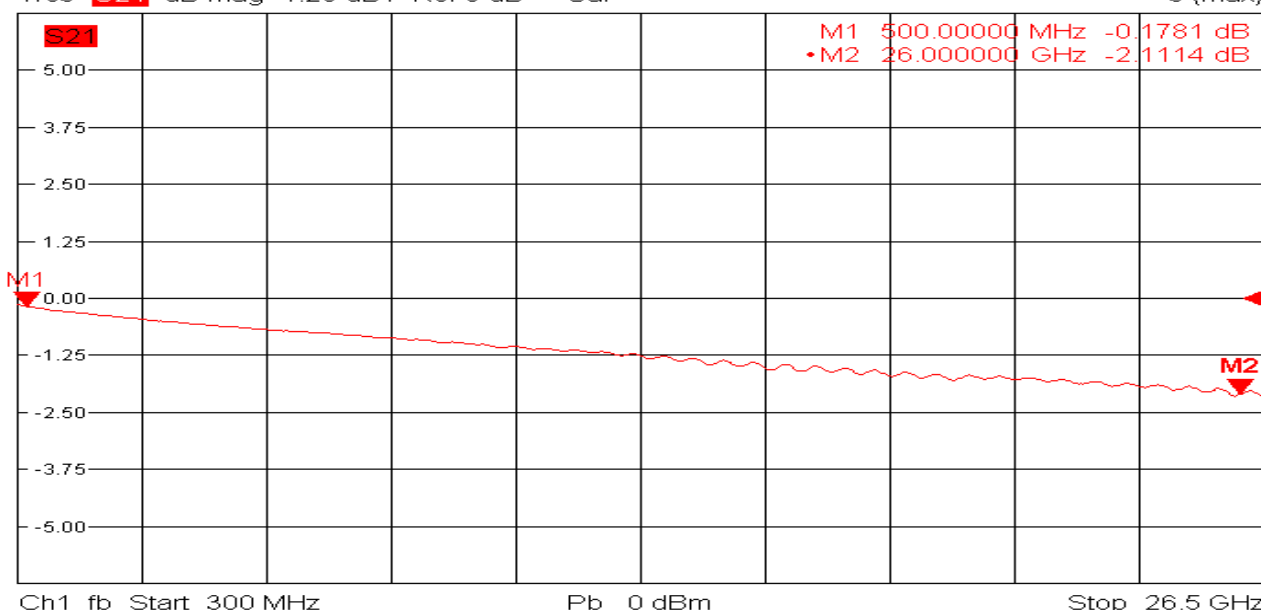


11/12/2018, 8:19 PM



Trc3 **S21** dB Mag 1.25 dB / Ref 0 dB Cal

3 (Max)



11/12/2018, 12:30 PM