

**Part No.: TC-10400-10K**

**10dB Directional Coupler 2.92- Female 50Ω 1-40GHz**

**电气特性 Electrical:**

工作频率 Frequency Range: 1-40GHz  
 耦合度 Coupling:  $10 \pm 1.2\text{dB}$   
 插入损耗 Insertion Loss:  $\leq 2.1\text{dB}$   
 驻波 VSWR:  $\leq 1.7:1$   
 方向性 Directivity:  $\geq 10\text{dB}$   
 耐功率 Power Handling: 20Watt  
 阻抗 Impedance: 50Ω

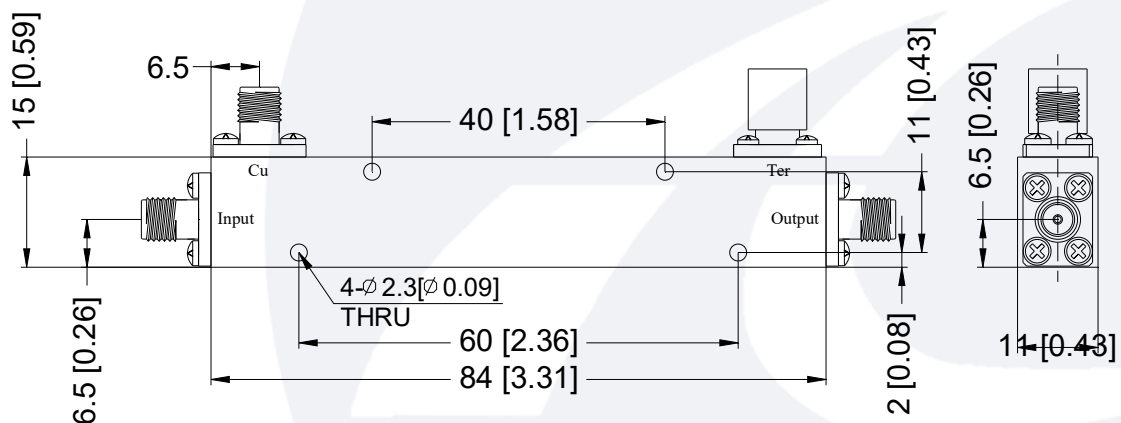


**机械特性 Mechanical:**

温度范围 Temperature Range:  $-40^{\circ}\text{C} - +80^{\circ}\text{C}$   
 接口 Connectors: 2.92mm-Female  
 相对湿度 Relative Humidity: 0 ~ 90%

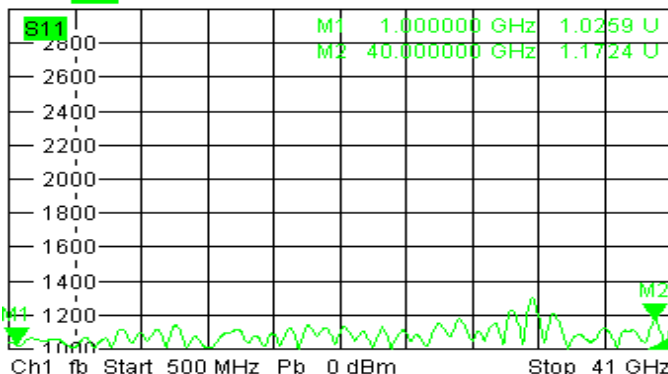
**外形尺寸 Outline Drawing:**

Unit: mm

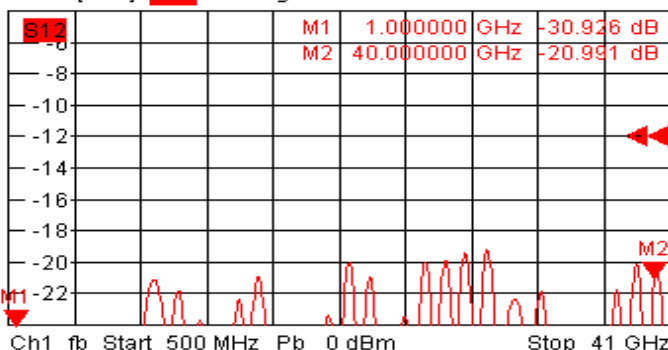




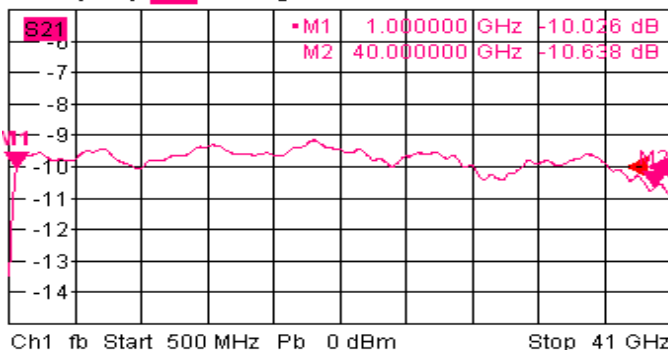
Trc1 **S11** SWR 200 mU/ Ref1 U Cal 1



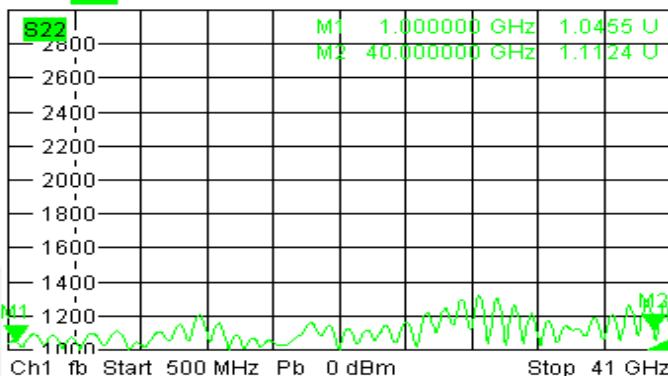
Trc2 **S12** dB Mag 2 dB / Ref-12 dB Cal Math 2  
Mem5[Trc2] **S12** dB Mag 2 dB / Ref-12 dB Invisible



Trc3 **S21** dB Mag 1 dB / Ref-10 dB Invisible 3  
Mem6[Trc3] **S21** dB Mag 1 dB / Ref-10 dB



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



Trc3 **S21** dB Mag 1.5 dB / Ref 0 dB Cal 3 (Max)

