

**Part No.: RS4W05180-S**

**Power divider/Combiner 4Way SMA 50Ω 0.5 to 18 GHz**

**电气特性 Electrical:**

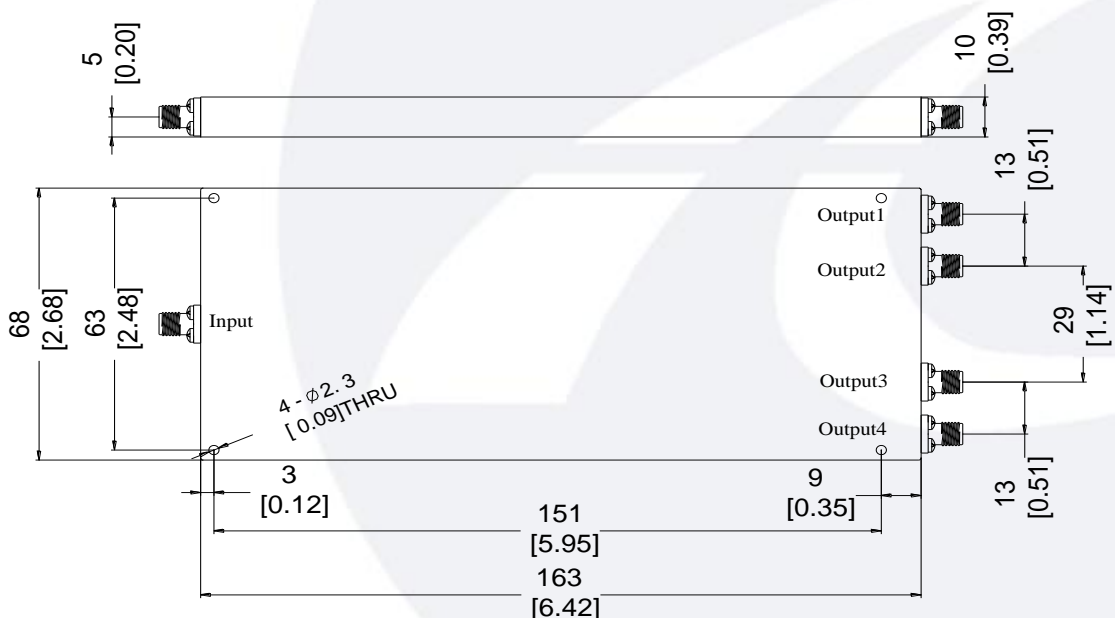
工作频率 Frequency Range: 0.5-18 GHz  
 插入损耗 Insertion Loss:  $\leq 2.4\text{dB}$   
 驻波 VSWR:  $\leq 2.0/1.5 : 1$   
 隔离 Isolation: Max $\geq 15\text{dB}$  Typ:18dB  
 幅度平衡 Amplitude Balance: $\leq \pm 0.5\text{dB}$   
 相位平衡 Phase Balance:  $\leq \pm 8^\circ$   
 耐功率 Power Handling: 30 Watt  
 阻抗 Impedance: 50 OHMS

**机械特性 Mechanical :**

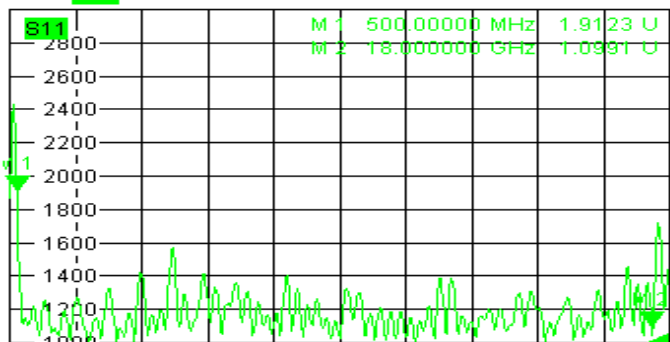
温度范围 Temperature Range:  $-55^\circ\text{C} - +85^\circ\text{C}$   
 接口 Connectors: SMA-Female  
 相对湿度 Relative Humidity: 0 ~ 90%

**外形尺寸 Outline Drawing:**

Unit: mm

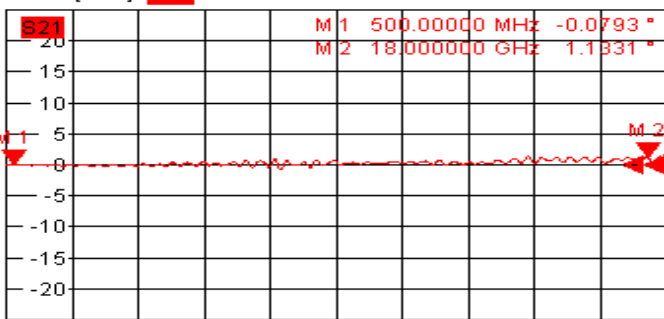


Trc1 **S11** SWR 200 mU/ Ref1 U Cal 1



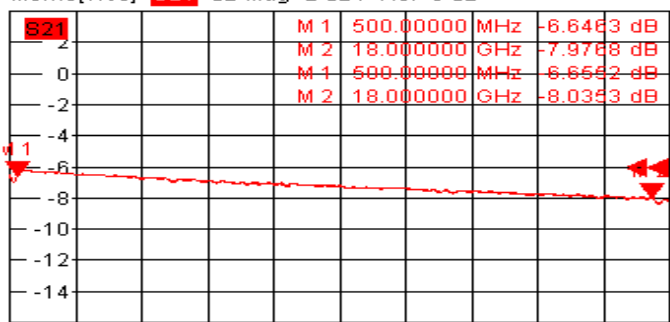
Ch1 Start 300 MHz Pwr 0 dBm Stop 18.5 GHz

Trc2 **S21** Phase 5° / Ref 0° Cal Math 2  
Mem6[Trc2] **S21** Phase 5° / Ref 0° Invisible



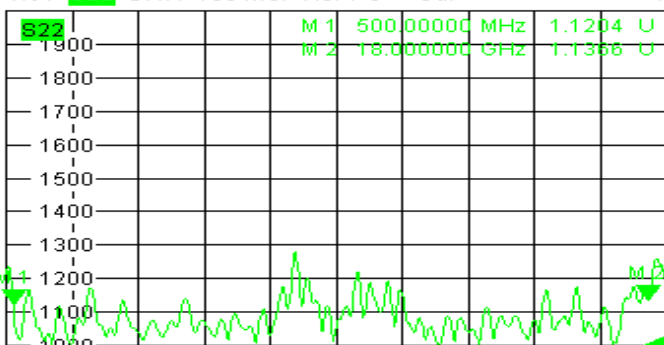
Ch1 Start 300 MHz Pwr 0 dBm Stop 18.5 GHz

Trc3 **S21** dB Mag 2 dB / Ref -6 dB Cal 3  
Mem5[Trc3] **S21** dB Mag 2 dB / Ref -6 dB



Ch1 Start 300 MHz Pwr 0 dBm Stop 18.5 GHz

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

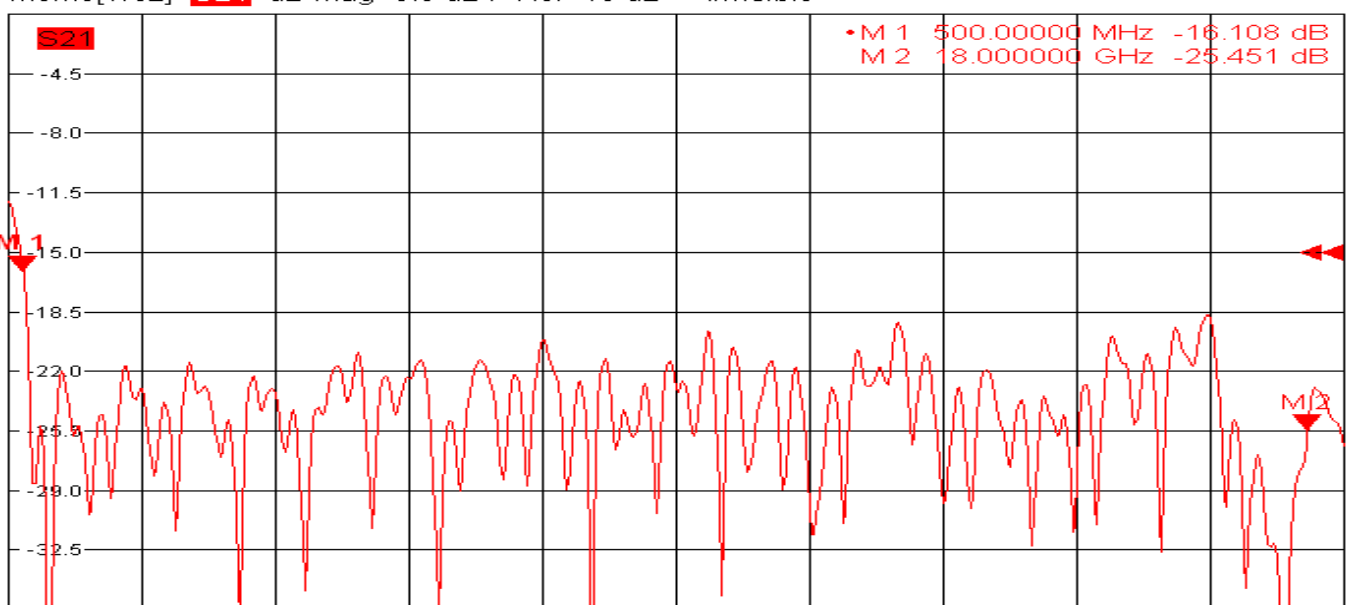


Ch1 Start 300 MHz Pwr 0 dBm Stop 18.5 GHz

6/25/2019, 10:16 AM

Trc2 **S21** dB Mag 3.5 dB / Ref -15 dB Cal  
Mem6[Trc2] **S21** dB Mag 3.5 dB / Ref -15 dB Invisible

Cal Invisible 2 of 4 (Max)



Ch1 Start 300 MHz Pwr 0 dBm Stop 18.5 GHz

6/25/2019, 10:30 AM