

**Part No.: RS8W2080-S**

**Power divider/Combiner 8 Way SMA 50Ω 2 to 8GHz**

**电气特性 Electrical:**

工作频率 Frequency Range: 2-8GHz  
 插入损耗 Insertion Loss:  $\leq 2.0\text{dB}$   
 驻波 VSWR:  $\leq 1.60 : 1(\text{input})$   
 $\leq 1.40 : 1(\text{output})$   
 隔离 Isolation:  $\geq 17\text{dB}$   
 幅度平衡 Amplitude Balance:  $\leq \pm 0.7\text{dB}$   
 相位平衡 Phase Balance:  $\leq \pm 8^\circ$   
 耐功率 Power Handling: 30 Watt  
 阻抗 Impedance: 50 OHMS

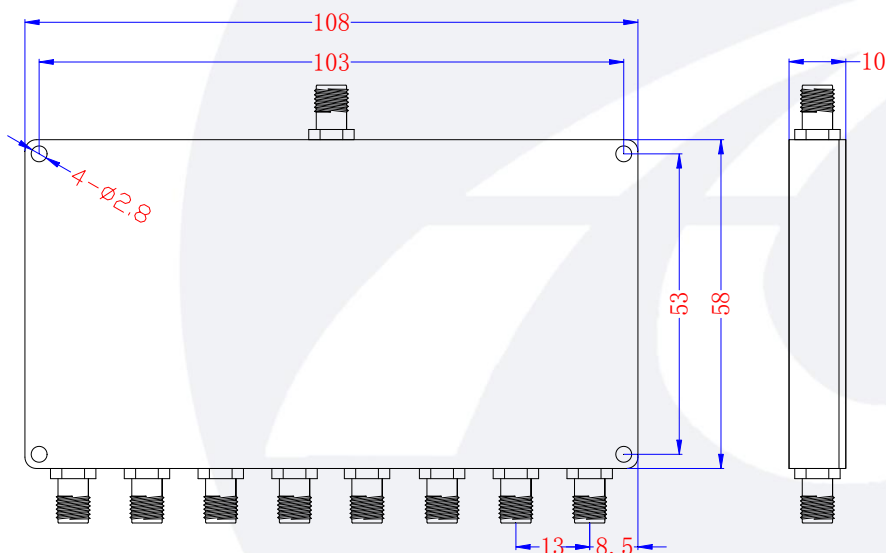


**机械特性 Mechanical:**

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%

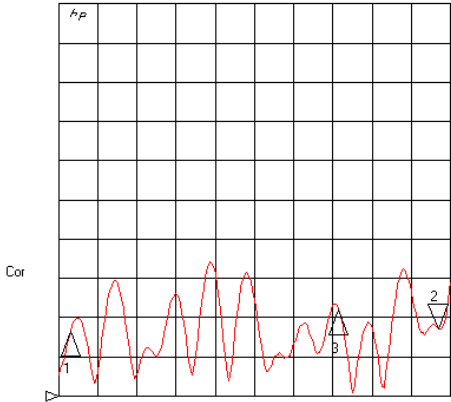
**外形尺寸 Outline Drawing:**

Unit: mm



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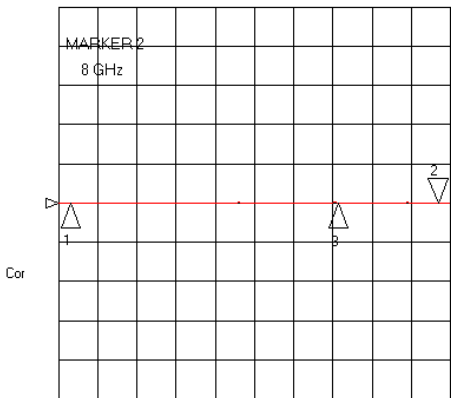
CH1 SWR 100 m / REF 1  
S11 2: 1.1726 8.000 000 000 GHz



CH1 Markers  
1: 1.1667  
2. 00000 GHz  
3: 1.2193  
6. 38047 GHz

START 1800 .000 MHz STOP 8200 .000 MHz

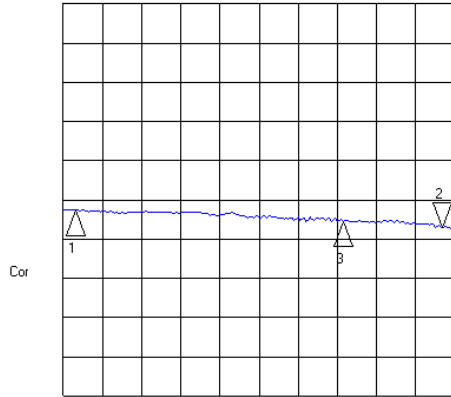
CH3 PHA 8 ° / REF 0 °  
S12/M 2: 1.3733 m ° 8.000 000 000 GHz



CH3 Markers  
1: 94 .070 m °  
2. 00000 GHz  
3: -18 .155 m °  
6. 38047 GHz

START 1800 .000 MHz STOP 8200 .000 MHz  
2017-10-9 22:57:13

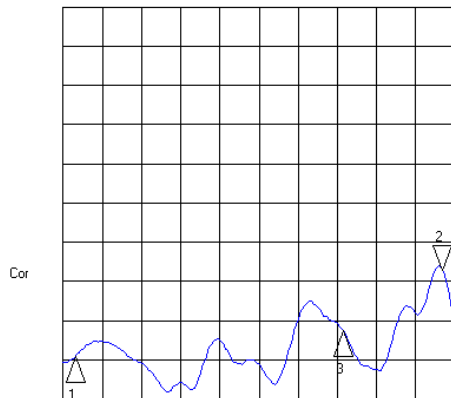
CH2 LOG 2 dB / REF -9 dB  
S21 2: -10 .385 dB 8.000 000 000 GHz



CH2 Markers  
1: -9 .5130 dB  
2. 00000 GHz  
3: -10 .071 dB  
6. 38047 GHz

START 1800 .000 MHz STOP 8200 .000 MHz

CH4 SWR 100 m / REF 1  
S22 2: 1.3288 8.000 000 000 GHz



CH4 Markers  
1: 1.1077  
2. 00000 GHz  
3: 1.1743  
6. 38047 GHz

START 1800 .000 MHz STOP 8200 .000 MHz