

**Part No.: RS3W0510-S**

**Power divider/Combiner 3 Way SMA 50Ω 0.5 to 1 GHz**

**电气特性 Electrical:**

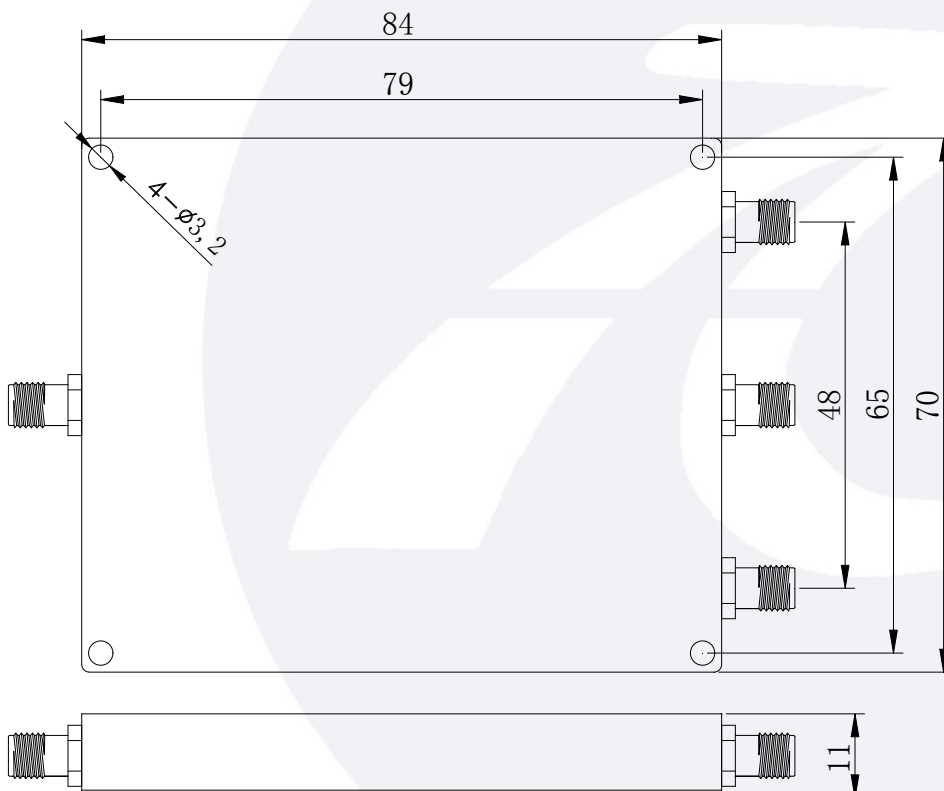
工作频率 Frequency Range: 0.5-1GHz  
 插入损耗 Insertion Loss:  $\leq 0.6\text{dB}$   
 驻波 VSWR:  $\leq 1.30 : 1$   
 隔离 Isolation:  $\geq 17\text{dB}$   
 幅度平衡 Amplitude Balance:  $\leq \pm 0.5\text{dB}$   
 相位平衡 Phase Balance:  $\leq \pm 7^\circ$   
 耐功率 Power Handling: 30 Watt  
 阻抗 Impedance: 50 OHMS

**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%

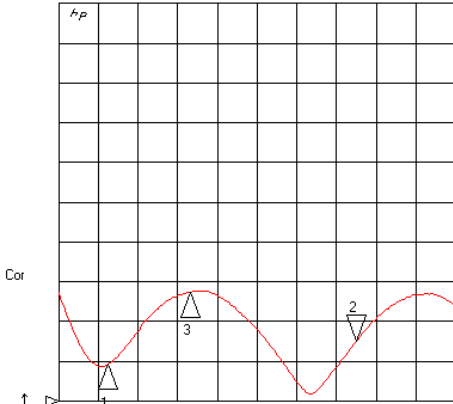
**外形尺寸 Outline Drawing:**

Unit: mm



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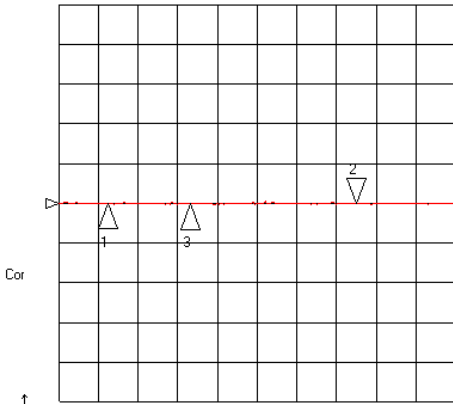
CH1 SWR 100 m / REF 1  
S11 2 : 1. 1519 1. 000 000 000 GHz



CH1 Markers  
1 : 1. 0931  
500 . 000 MHz  
3 : 1. 2749  
665 . 680 MHz

START 400 . 000 MHz STOP 1200 . 000 MHz

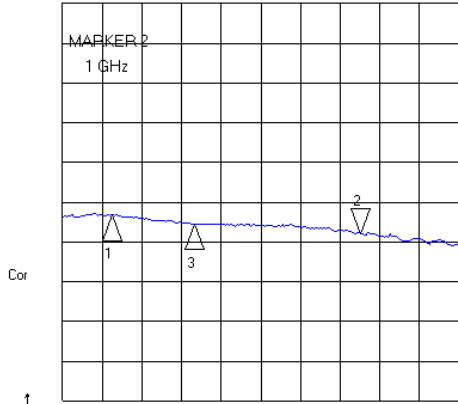
CH3 LOG .5 dB / REF 0 dB  
S12/M 2 : . . 00100 dB 1. 000 000 000 GHz



CH3 Markers  
1 : . 00100 dB  
500 . 000 MHz  
3 : . 00000 dB  
665 . 680 MHz

START 400 . 000 MHz STOP 1200 . 000 MHz  
2002-1-1 00:03:53

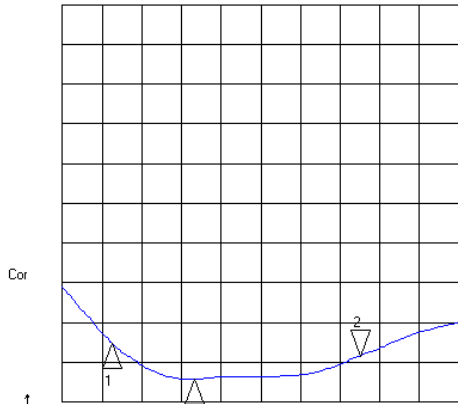
CH2 LOG .6 dB / REF -4.8 dB  
S21 2 : -5 . 2750 dB 1. 000 000 000 GHz



CH2 Markers  
1 : 4 . 9940 dB  
500 . 000 MHz  
3 : -5 . 1240 dB  
665 . 680 MHz

START 400 . 000 MHz STOP 1200 . 000 MHz

CH4 SWR 100 m / REF 1  
S22 2 : 1. 1166 1. 000 000 000 GHz



CH4 Markers  
1 : 1. 1489  
500 . 000 MHz  
3 : 1. 0588  
665 . 680 MHz

START 400 . 000 MHz STOP 1200 . 000 MHz