

Part No.: RS4DC180-S

Power Splitter/Combiner 4 Way SMA 50Ω DC to 18 GHz

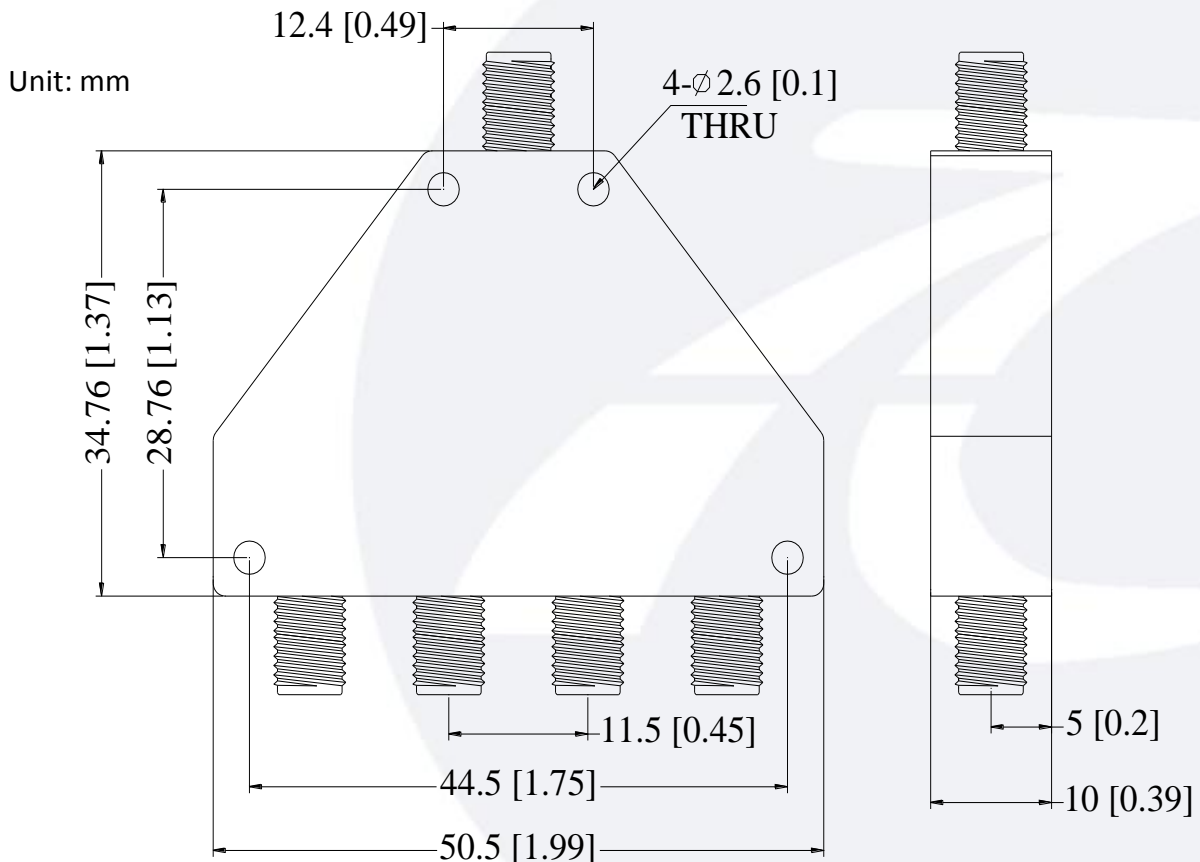
电气特性 Electrical:

工作频率 Frequency Range: DC-18GHz
 插入损耗 Insertion Loss: $\leq 14.5\text{dB}$
 驻波 IN VSWR: ≤ 1.50
 OUT VSWR: $\leq 2.2 : 1$
 隔离 Isolation: $\geq 10\text{dB}, 10.5\text{dB typ}$
 幅度平衡 Amplitude Balance: $\leq \pm 0.5\text{dB}$
 相位平衡 Phase Balance: $\leq \pm 6^\circ$
 耐功率 Power Handling: 2 Watt
 阻抗 Impedance: 50 OHMS

机械特性 Mechanical :

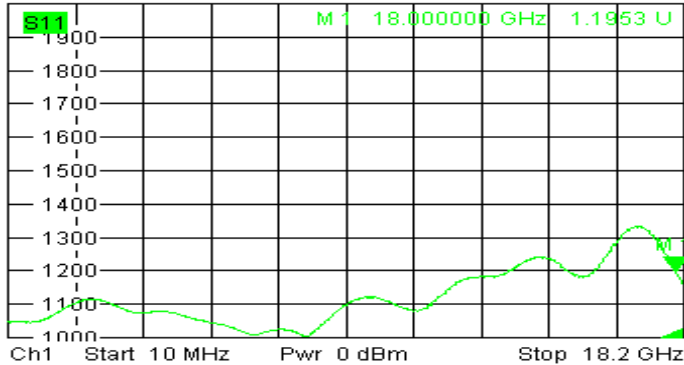
温度范围 Temperature Range: $-55^\circ\text{C} - +85^\circ\text{C}$
 接口 Connectors: SMA-Female
 相对湿度 Relative Humidity: 0 ~ 90%

外形尺寸 Outline Drawing:

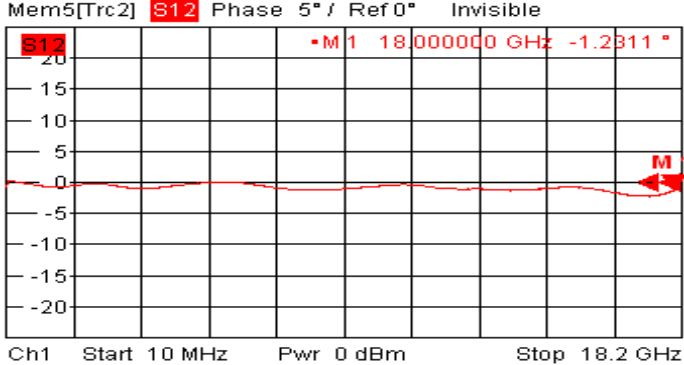




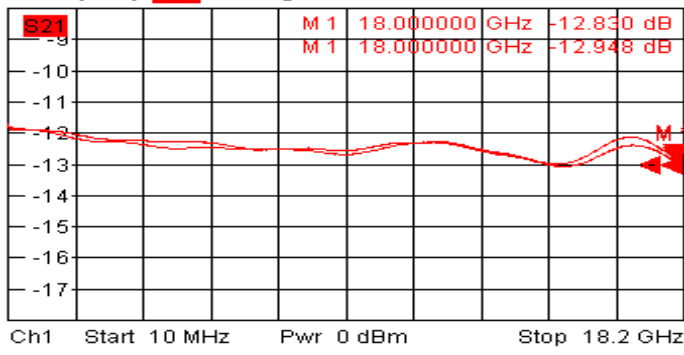
Trc1 **S11** SWR 100 mU/ Ref 1 U Cal 1



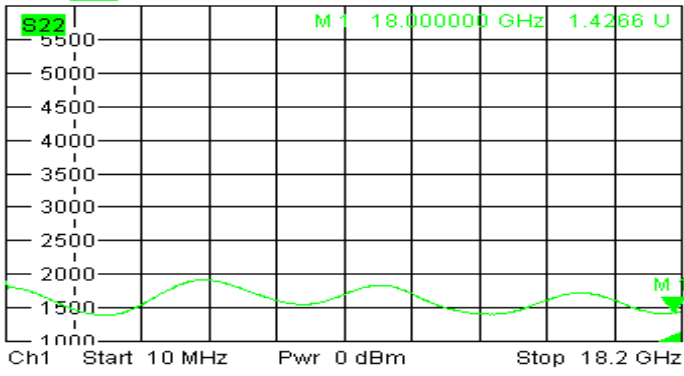
Trc2 **S12** Phase 5° / Ref 0° Cal Math 2
Mem5[Trc2] **S12** Phase 5° / Ref 0° Invisible



Trc3 **S21** dB Mag 1 dB / Ref -13 dB Cal 3
Mem6[Trc3] **S21** dB Mag 1 dB / Ref -13 dB



Trc4 **S22** SWR 500 mU/ Ref 1 U Cal 4



Trc2 **S12** dB Mag 2 dB / Ref -9 dB Cal 2 of 4 (Max)
Mem5[Trc2] **S12** dB Mag 2 dB / Ref -9 dB Invisible

