

**Part No:RS4W0105-N**

**Power divider/Combiner 4Way N50Ω 100 to 500MHz**

**电气特性 ELECTRICAL:**

工作频率 Frequency Range: 100-500MHz

插入损耗 Insertion Loss:  $\leq 1.2\text{dB}$

驻波 VSWR:  $\leq 1.25: 1$

隔离 Isolation:  $\geq 20\text{dB}$

幅度平衡 Amplitude Balance:  $\leq \pm 0.3\text{dB}$

相位平衡 Phase Balance:  $\leq \pm 5^\circ$

耐功率 Power Handling: 50 Watt

阻抗 Impedance: 50 OHMS



**机械特性 MECHANICAL :**

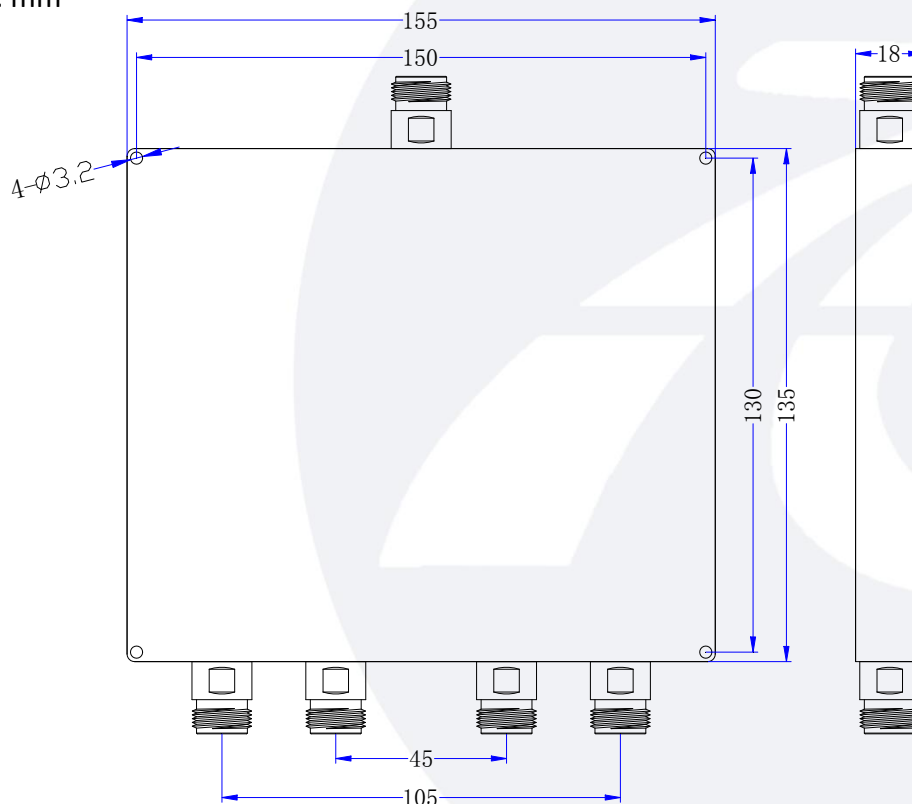
温度范围 Temperature Range:  $-40^\circ\text{C} - +70^\circ\text{C}$

接口 Connectors: N-Female

相对湿度 Relative Humidity: 0 ~ 90%

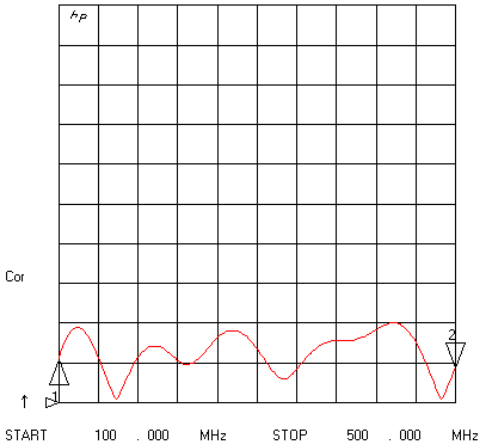
**外形尺寸 Outline Drawing:**

Unit: mm

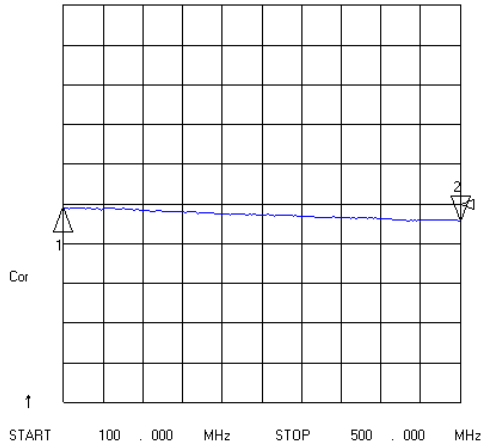


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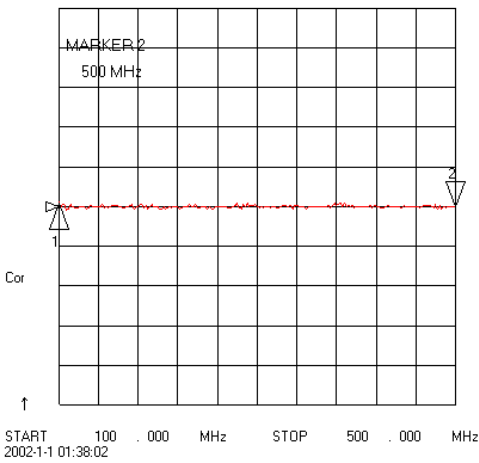
CH1 SWR 100 m / REF 1  
S11 2 : 1.0869 .500 000 000 GHz



CH2 LOG 1.2 dB / REF -6 dB  
S21 2 : -6.5020 dB .500 000 000 GHz



CH3 LOG .3 dB / REF 0 dB  
S12/M 2 : -.00100 dB .500 000 000 GHz



CH4 SWR 100 m / REF 1  
S22 2 : 1.0172 .500 000 000 GHz

