

Part No.: TC-20180-30S

30dB Directional Coupler SMA- Female 50Ω 2000-18000MHz

Electrical:

Frequency Range: 2-18GHz

Coupling: $30 \pm 1.0\text{dB}$

Insertion Loss: $\leq 1.0\text{dB}$

VSWR: $\leq 1.6:1$

Directivity: $\geq 10\text{dB}$

Power Handling: 30Watt

Impedance: 50Ω



Mechanical:

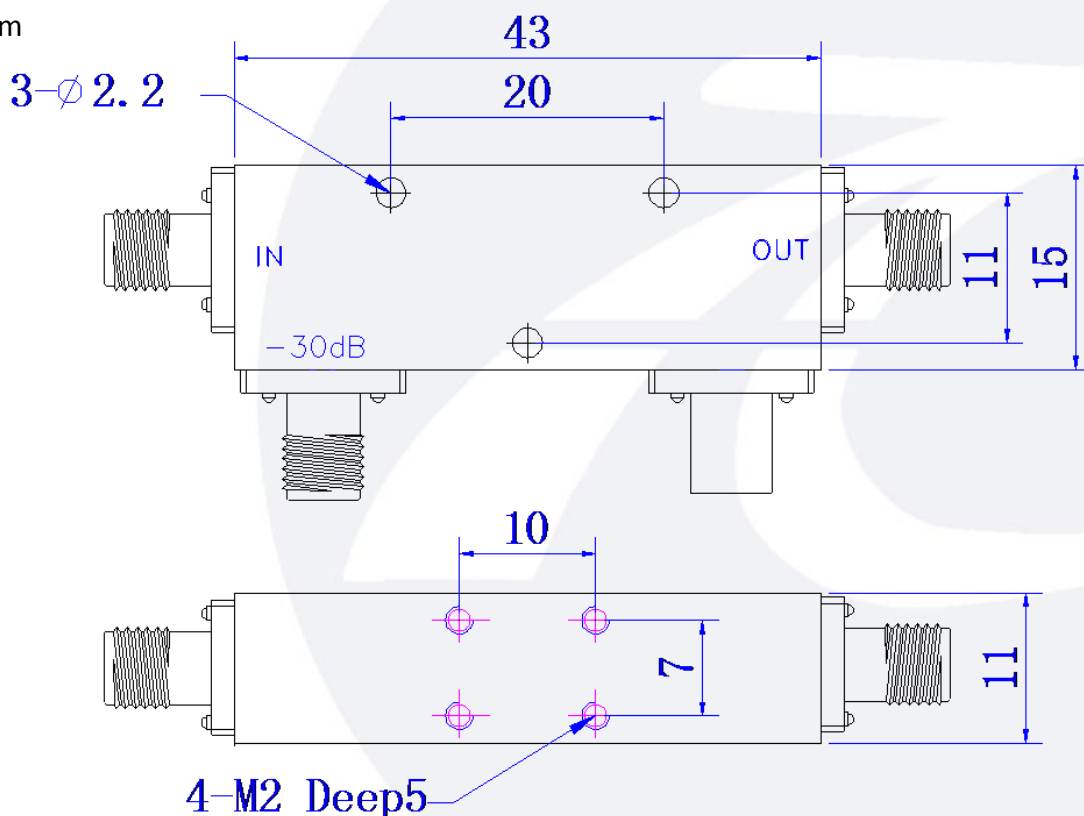
Temperature Range: $-40^{\circ}\text{C} - +80^{\circ}\text{C}$

Connectors: SMA-Female

Relative Humidity: 0 ~ 90%

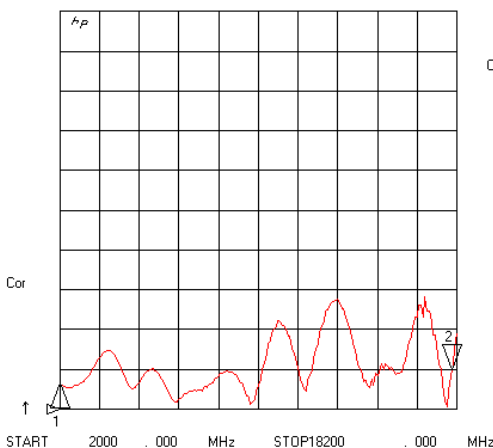
Outline Drawing:

Unit: mm

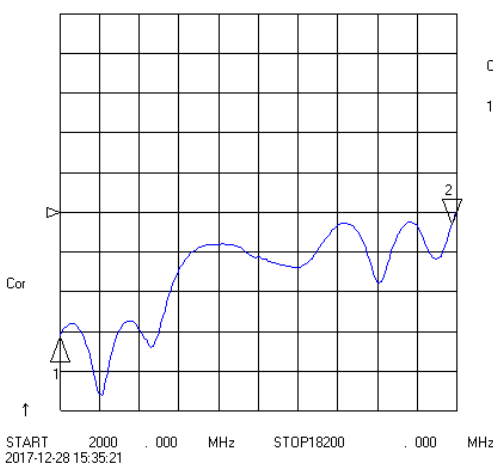


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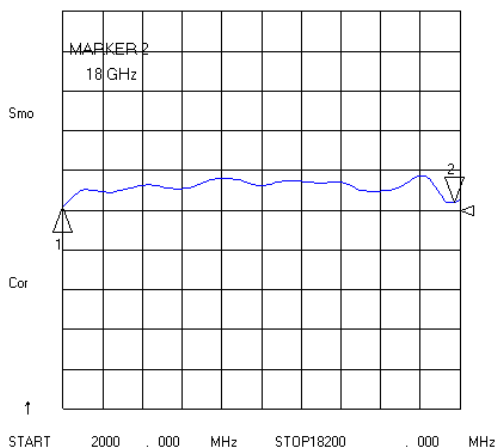
CH1 SWR 100 m / REF 1
S11 2 : 1.0983 18.000 000 000 GHz



CH3 LOG 5 dB / REF -40 dB
MEM 2 : -41.496 dB 18.000 000 000 GHz



CH2 LOG 1 dB / REF -30 dB
S21 2 : -29.791 dB 18.000 000 000 GHz



CH4 SWR 100 m / REF 1
S22 2 : 1.3205 18.000 000 000 GHz

