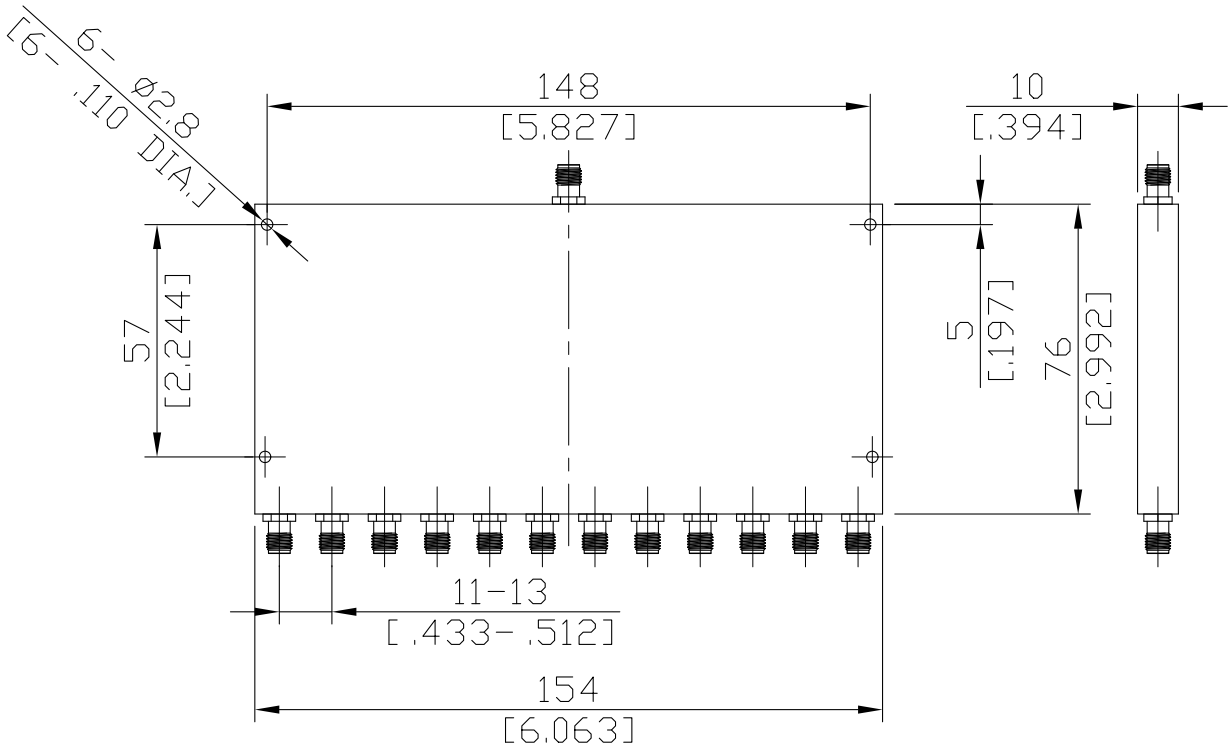
ROSNOL®
RF/Microwave Interconnect

Technical Data Sheet

12 Way SMA Power Divider From 6 GHz to 18 GHz Rated at 30 Watts

PD12-A2-6-18G30W_A



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface	
According to	IEC 60169-15, CECC22110, MIL-PRF-39012, MIL-STD-348B/310, EN122110
Electrical Data	
Impedance	50 Ω
Frequency	6 to 18 GHz
VSWR (Return Loss)	≤ 1.6 (≥ 12.74 dB)
Insertion Loss	≤ 2.2 dB
Isolation	≥ 18 dB
Amplitude Balance	≤ ± 0.8 dB
Phase Balance	≤ ± 9°
Power Handling	≤ 30 Watts
Mechanical Data	
Coupling Mechanisms	Screw-On
Mating Cycles	≥ 500
Coupling Test Torque	max. 1.7 Nm
Recommended Torque	0.57 Nm
Environmental Data	
Temperature Range	-55°C to +85°C
RoHS	Compliant
Packing	
	Single or 100

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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