



Blue Tops RF Modules > Low Noise Power Splitter

Features:

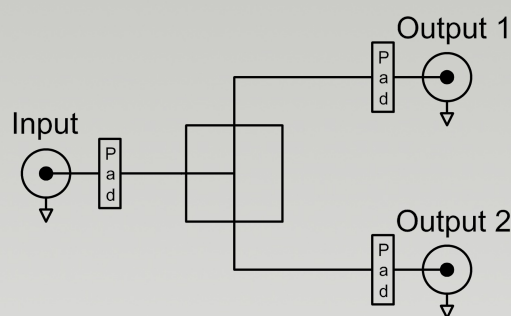
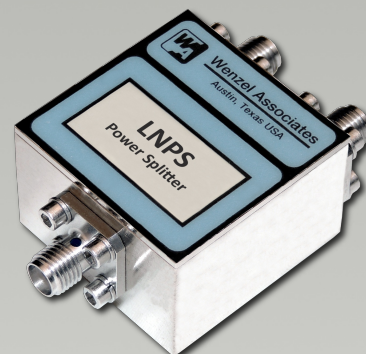
- Frequency Range: 5 MHz to 2 GHz
- Integral Attenuators
- Modular Integrated Design
- Output Connectors on the Same Face

Applications:

- Synthesizer Building Block
- Communication Systems
- Radar Systems
- Electronic Warfare Systems

Description:

The LNPS module is a standard splitter that can be customized with input/output attenuators to provide flexibility in setting gain and input/output power levels. This module is ideal for applications requiring 2-way signal distribution, and works well with Wenzel oscillators and other Blue Tops modules. Please consult our technical staff for assistance in configuring an LNPS module to meet your specific requirement needs.



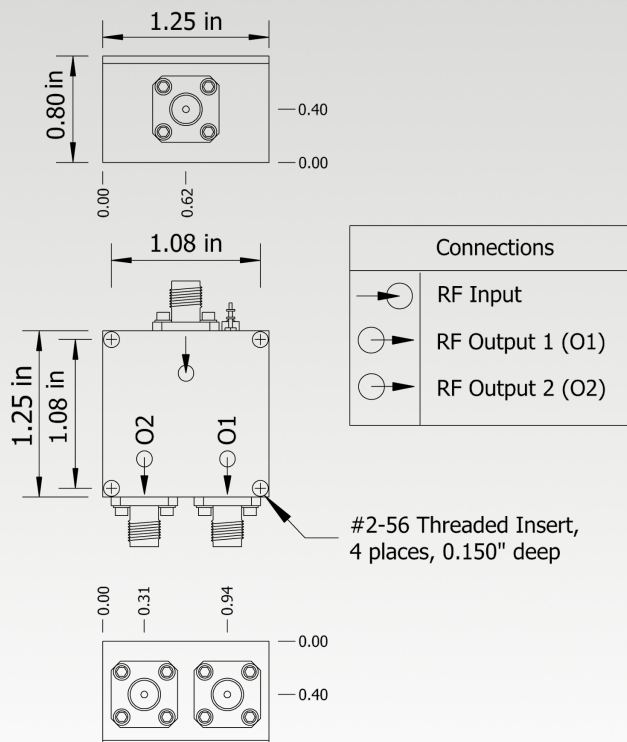
Electrical Specifications

Input Frequency Range	5 MHz to 2 GHz, fixed
Input Level	up to +15 dBm
Insertion Loss	≤ 3.5 dB
VSWR	$\leq 1.2:1$
Port-to-Port Isolation	≥ 20 dB
Operating Temperature	0 to +50°C
Storage Temperature	-40 to +85°C

Mechanical

Dimensions	1.25" x 1.25" x 0.8"
Package	Nickel-Plated Machined Aluminum
RF Input / Outputs	SMA female *

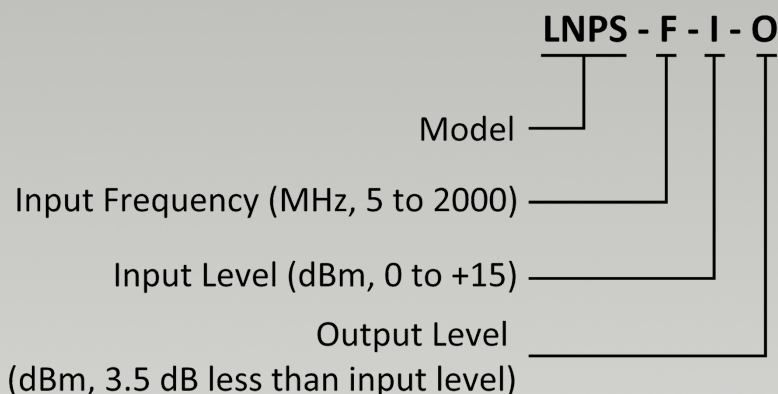
* SMA female connectors are used unless otherwise specified. Other options include SMA male, right angle SMAs, BNC female and others. Contact factory for custom configurations.





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Ordering Information:



Standard P/N	Input Frequency	Input Level	Output Level (each port)
LNPS-10-10-6.5	10 MHz	+10 dBm	+6.5 dBm
LNPS-10-13-9.5	10 MHz	+13 dBm	+9.5 dBm
LNPS-10-15-11.5	10 MHz	+15 dBm	+11.5 dBm
LNPS-100-10-6.5	100 MHz	+10 dBm	+6.5 dBm
LNPS-100-13-9.5	100 MHz	+13 dBm	+9.5 dBm
LNPS-100-15-11.5	100 MHz	+15 dBm	+11.5 dBm
LNPS-1000-10-6.5	1000 MHz	+10 dBm	+6.5 dBm
LNPS-1000-13-9.5	1000 MHz	+13 dBm	+9.5 dBm
LNPS-1000-15-11.5	1000 MHz	+15 dBm	+11.5 dBm

