

0.1 to 3000 MHz limiter, with built-in attenuator.

## Highlights

- Wideband: 0.1 to 3000 MHz.
- Built-in attenuator.
- Specifically designed for SDR radios with low maximum input power.



## Description

The LMT-030-2 is a limiter with a very fast response, designed to be used in its linear region, on the front end of very sensitive SDR radios.

Many of the wideband receivers available today have a relatively low maximum input power specification (~2.5 dBm), which makes it very difficult to protect them when used for RF experimentation. The LMT-030-2 attempts to meet that specification in a single package.

## Package contents

1 x LMT-030-2

## Warranty

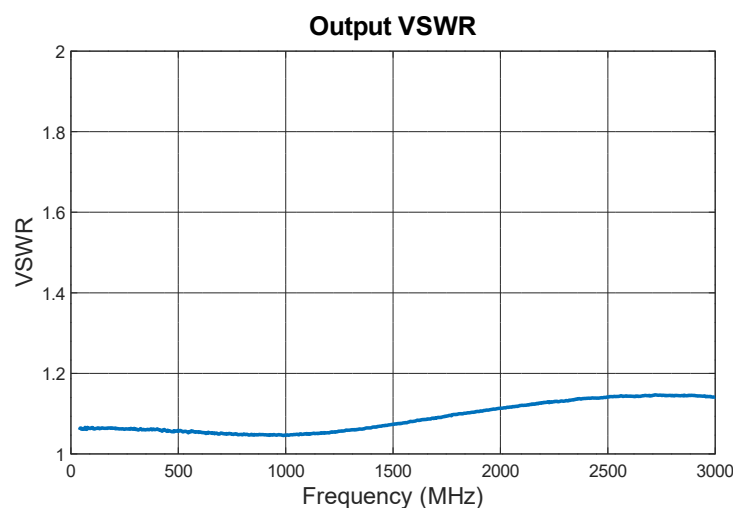
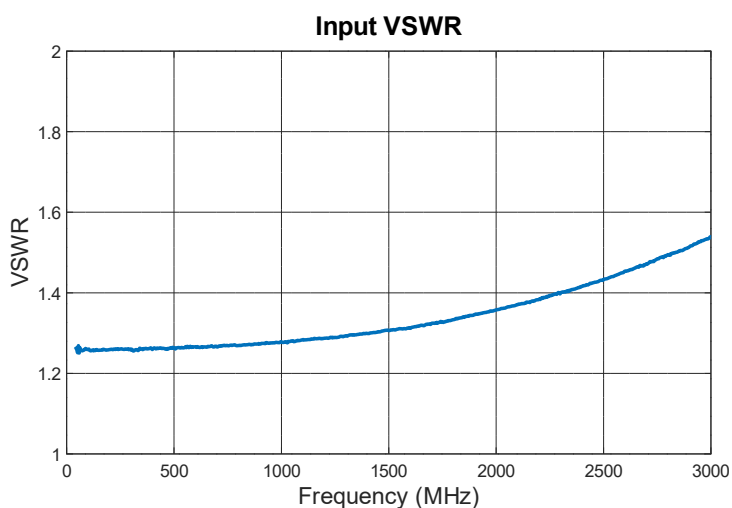
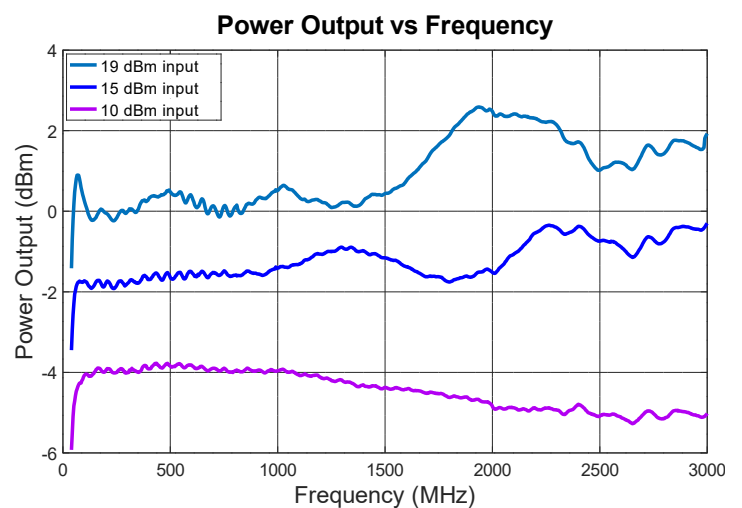
This product benefits from a 2-year warranty against defects in materials and workmanship.

# Absolute Maximums

Parameter	Ratings
Input Power	27 dBm (5 Vrms)
DC Voltage	± 40 V

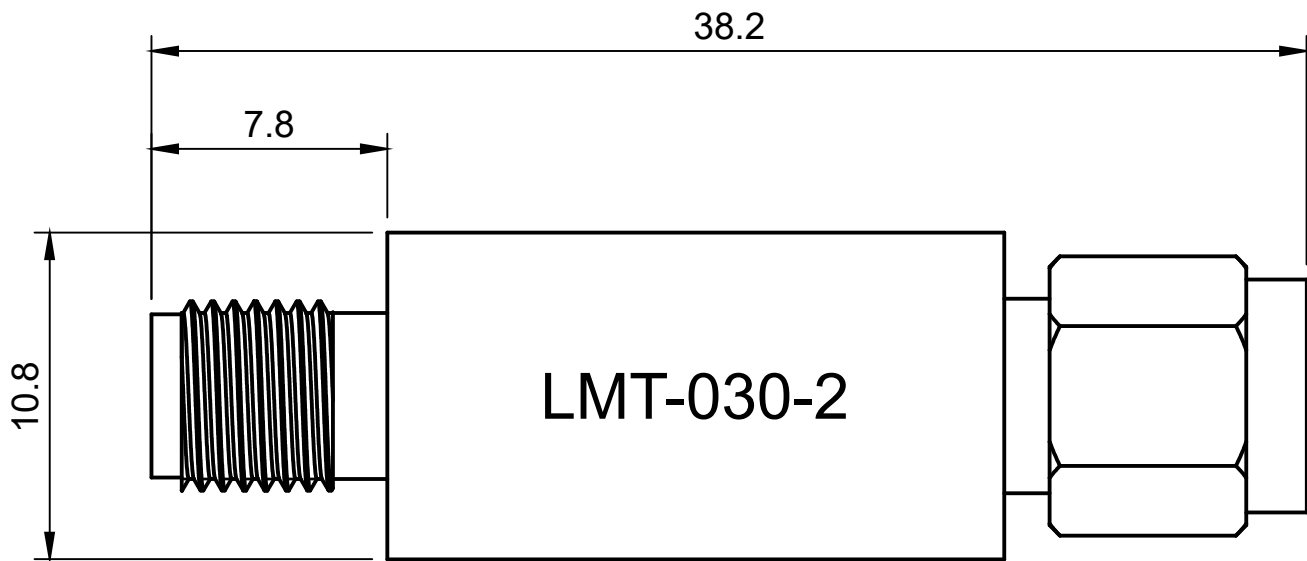
# Electrical Specifications

Parameter	Min.	Typ.	Max.	Units
Frequency Range	0.1	-	3000	MHz
Insertion Loss (in linear range)	8	-	10.5	dB
Input VSWR	-	-	1.6	:1
Output VSWR	-	-	1.25	:1
Output Power (in limiting range)	-	1	-	dBm
Threshold Level	-	3	-	dBm



# Mechanical Specifications

Parameter	Value
Input Connector	SMA Female
Output Connector	SMA Male



Dimensions are in mm.

## Notes:

- 1). RoHS compliant.
- 2). Low input power electrical specifications were measured at -20 dBm.
- 3). Unless otherwise stated, all specifications are nominal.
- 4). The information contained in this document is accurate to the best of our knowledge. We reserve the right to update it, with new information or corrections, without notice.