

**Linwave Limiter 0.1-26.5GHz, +43dBm**
**LW20-797691**
**TYPICAL APPLICATIONS**

The Limiter is ideal for:

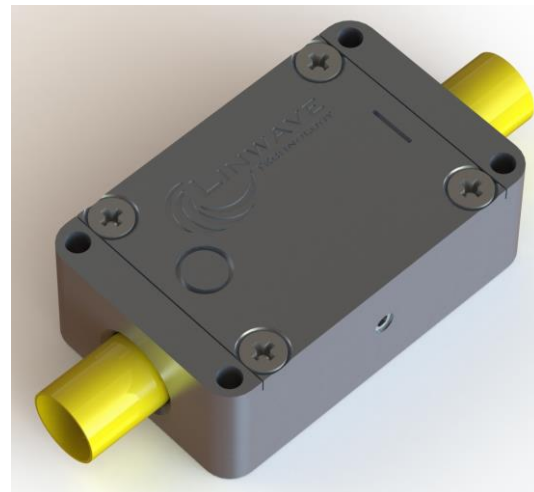
- Electronic Warfare/Countermeasures
- Radar
- Airborne, Aircraft and UAV Equipment
- Test and Measurement Equipment
- General Purpose Protection

**PRODUCT FEATURES**

- Wide bandwidth
- 20W pk power handling
- Adaptable to other applications

**GENERAL DESCRIPTION**

The LW20-797691 is a GaAs Schottky Limiter with a precision SMA connectors for extended operational frequency. Designed to offer broad band low loss protection for sensitive receivers. Limiter function can be incorporated into additional die level multi chip assemblies such as LNA and/or filter for optimised performance of front end circuits by request.

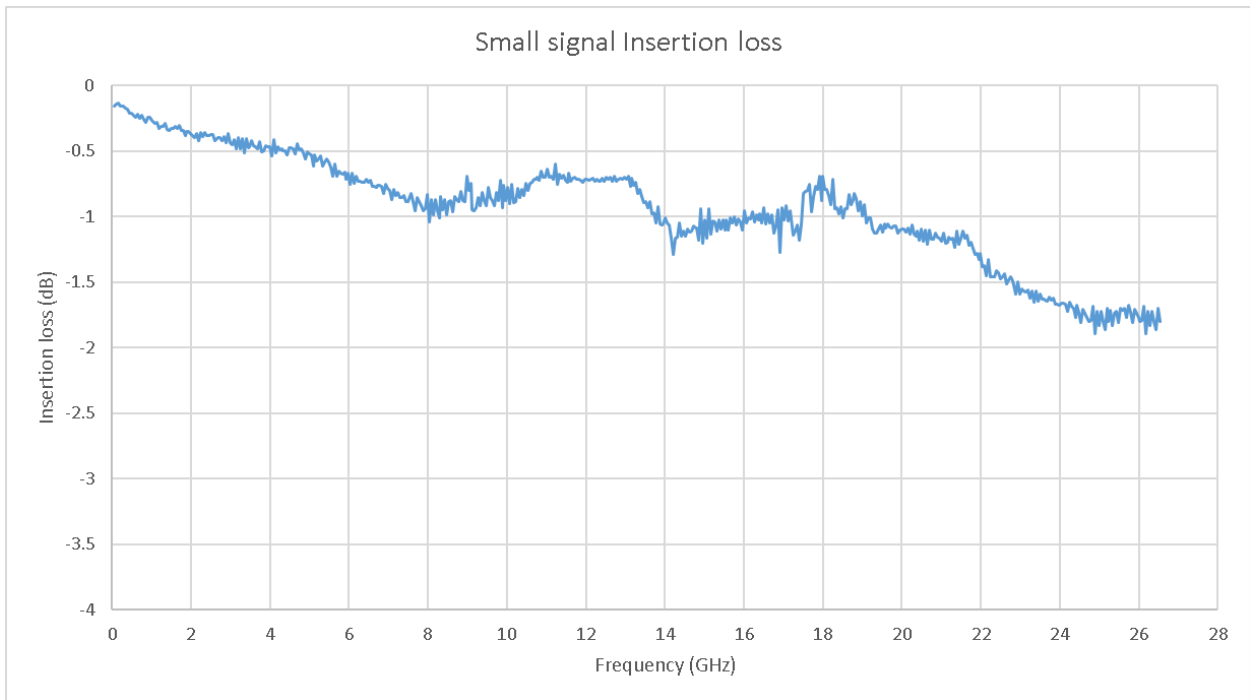


Please contact factory for alternate connector and frequency options

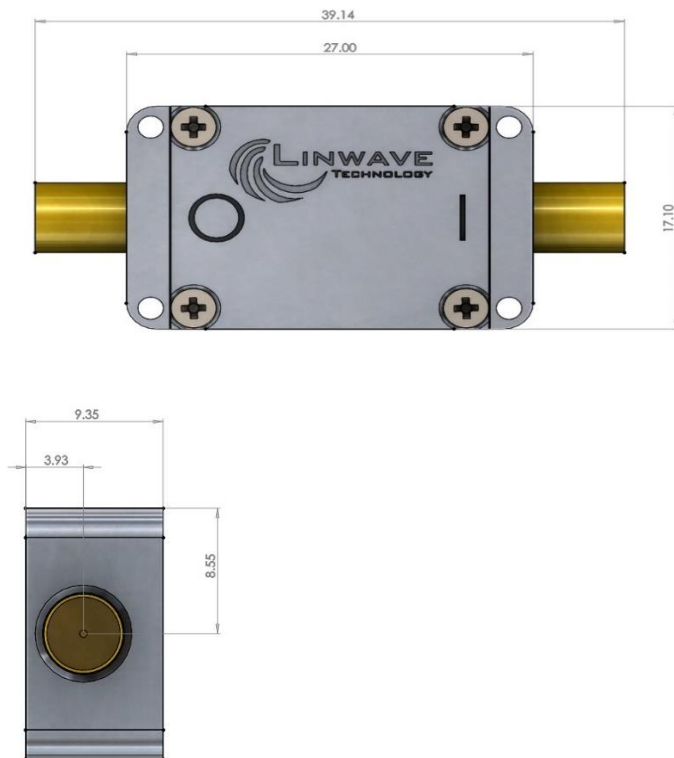
PARAMETER	MIN	TYP	MAX	UNITS
Frequency Range	0.1		26.5	GHz
Insertion Loss			2.5	dB
Return Loss			-10	dB
Flat Leakage		+18		dBm
Max Input Power <sub>pulsed</sub> (*Tested using a 1µs pulse, 1% duty cycle at 25°)			20.0	W *
Max Input Power <sub>cw</sub>			4.0	W
Recovery			20	ps
Temperature Range	-40		+70	° C
Size (excluding connectors)	28(L) x 18 (W) x 10 (H) mm			
Interface	SMA-F			
Surface Finish	Ni Plate/Surtec 650			

Linwave reserves the right to make changes, without notice, in the products, including circuits, standard cells, and/or software, described or contained herein in order to improve design and/or performance. Data sheet DS00-797691-01 iss1

**Performance:**



**Outline:**



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