



Limiter Type MTA-IMP-136

MTS-No.: 17039

Description

The MTA-IMP-Limiter offers fast limitation response with stable impedance values. Noise peaks will be reduced to 136 dB μ V to protect sensible test receiver inputs.

The limiter will be simply connected with BNC connectors at the test receiver input. Each device will be delivered with the records of the insertion loss.



Technical data:

1 RF-specifications:

1.1 Limiter type	Semiconductor limiter		
1.2 Impedance	50 Ω		
1.3 Limitation	136 dB μ V		
1.4 Peak power handling	150 mWs		
1.5 Attenuator	10 dB / 0.5 W		
1.6 Frequency range	DC - 230 MHz		
	min.	typ.	max.
1.7 VSWR in		1.1	1.2
VSWR out		1.15	1.3
1.8 Insertion loss		10.0 dB	10.2 dB

2 Connections:

2.1 RF-in- and outputs	2x BNC male & female (other connectors on request)
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3 General specifications:

3.1 Operating temperature	+5 °C - +60 °C
3.2 Storage temperature	-30 °C - +70 °C
3.3 Reference temperature of specifications	+25 °C
3.4 Dimensions (without connections) (LxWxH)	69 mm x 20 mm x 20 mm
3.5 Case style	Tinplate enclosure
3.6 Weight	35 grams

4 Delivered parts:

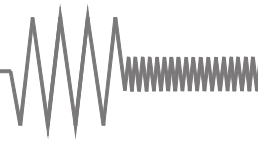
MTA-IMP-136
 Datasheet
 Correction values (S-Parameters)

5 Comments:

Warranty	12 months
RoHS-compliant	Yes

6 Recommended accessories:

RF-cables
 BNC



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Typical measurements:

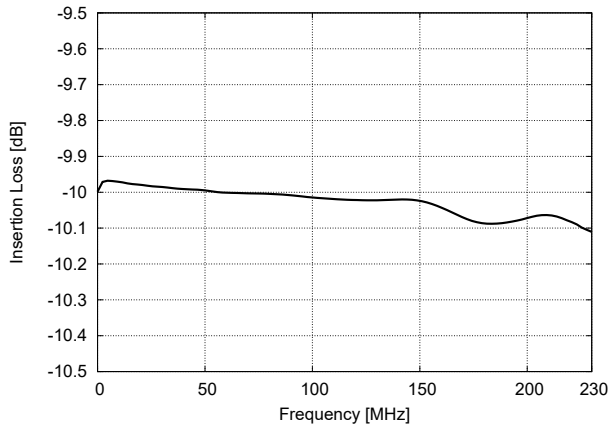


Fig. 1: Input port to output port insertion loss

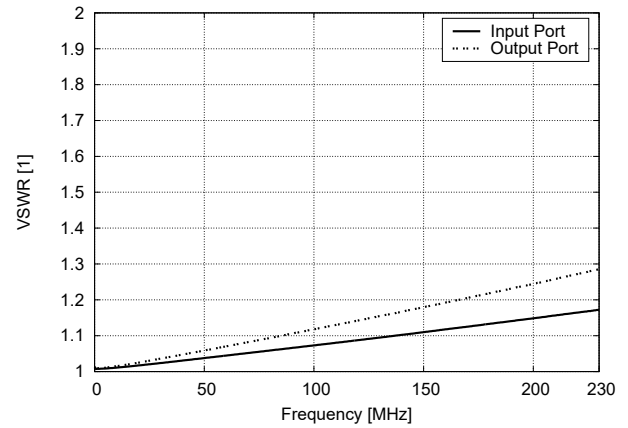


Fig. 2: VSWR for input and output ports