

High Power Limiter, SMA, 100W Peak Power, 20 ns Recovery, 16 dBm Flat Leakage, 7 GHz to 12 GHz

Electrical Specifications

Internal DC Return

Description	Min	Typ	Max	Unit
Frequency Range	7		12	GHz
Insertion Loss			1.8	dB
Input VSWR		1.8:1		
Output VSWR		1.8:1		
Leakage (CW)			+16	dBm
Recovery Time*		20		ns
Input Power (CW)			1	Watt
Input Power (Peak) @1us pulse, 0.1% Duty Cycle Derated to 20% @ +125°C			100	Watt
Limiting Threshold		+12		dBm

Electrical Specification Notes:

Values at 25°C, sea level. Specification @ +25°C and -10 dBm input power.

Mechanical Specifications

Size

Length	1.21 in [30.73 mm]
Width	0.31 in [7.87 mm]
Height	0.31 in [7.87 mm]
Weight	0.03 lbs [13.61 g]
Body Material and Plating	Passivated Stainless Steel

Configuration

Style	PIN-PIN High Power Limiter
Package Style	Connectorized Module
Impedance	50 Ohms
Connector 1	SMA Male
Connector 2	SMA Female

Environmental Specifications

Temperature

Operating Range	-55 to +90 deg C
Storage Range	-65 to +125 deg C

Shock	50 G's, 11 msec
Vibration	20G, 100 to 2000Hz

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

- Values at 25°C, sea level.



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High Power Limiter, SMA, 100W Peak Power, 20 ns Recovery, 16 dBm Flat Leakage, 7 GHz to 12 GHz from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [High Power Limiter, SMA, 100W Peak Power, 20 ns Recovery, 16 dBm Flat Leakage, 7 GHz to 12 GHz FMMT10025](#)

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