Waveguide Limiter, 5.4-5.9 GHz
WR187 Package, 50 Kilowatts

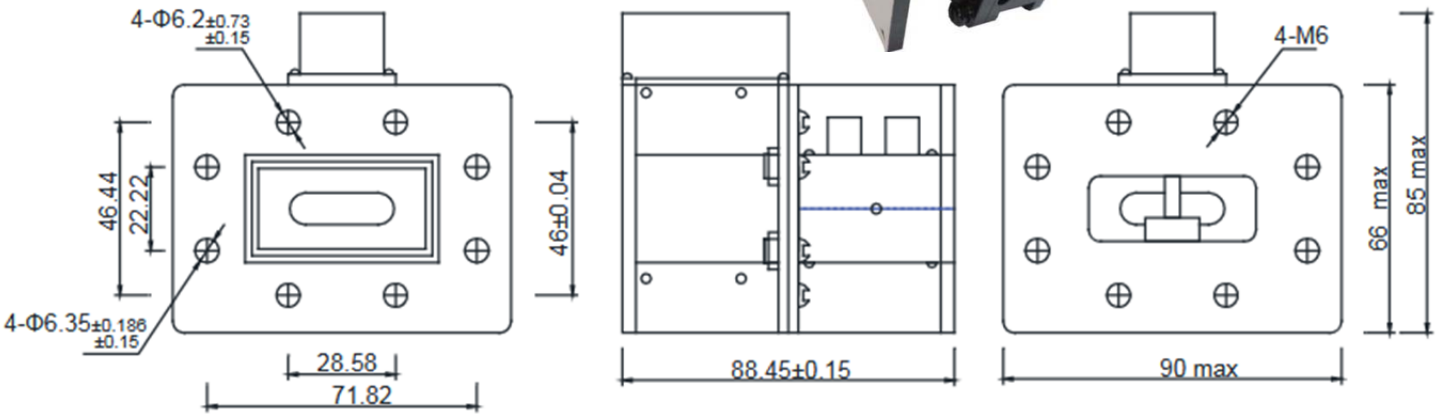
FEATURES

- High Power Handling
- Low Limiting Threshold
- Low Leakage Level
- Miniature Sizes

APPLICATIONS

- Front End Protection for LNA's
- Power Leveling (Limiting)
- Receiver Protection
- Radar&EW system

Units: mm
Not to scale



Order Examples: **RLIM-5.4-5.9-WR187-50kW-CW-r12**
Description: *(Waveguide Limiter, 5.4-5.9 GHz, WR187 Package, 50 Kilowatts Average, 50 Kilowatts Peak)*

Specifications		**Units**
Frequency range	**5.4-5.9**	GHz
Average Power	50	KW
Peak Power	50	KW
Duty Cycle	0.001	%
Pulse width	0.25 (min) -5 (max)	µS
Insertion loss	0.8	dB max
Flatness Leakage	30	mW max
Speak Leakage Amplitude	200	mW max
VSWR Input/ Output	1.35	:1 max
Recovery time	5	µS max
PRF	292 (min) - 585 (max)	Hz
Environmental		
Operating temperature	-40 to +75	°C
Non-operating Temperature	-55 to +125	°C
Relative Humidity	-95(min) 98%(max) (non-condensing)	%
Altitude (MIL-STD_810F)	10,000(min) to 30,000(max)	
Shock/Vibration (MIL-STD_810F)	Airborne	
Pressurization	30 (min)	Psig
Connectors Input/ Output	WR187	
Dimensions	88.45*90*85	mm
Weight	200	gram

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