

FEATURES

- DC-40GHz, up to 10kW
- Flatness Attenuation Value and Accuracy
- High Reliability, Repeatable Performance
- Anti-pulse and Anti-burnout
- Low IM3 Versions Available

APPLICATIONS

- Military & Space
- Radar&Electronic warfare
- Test Equipment

ELECTRICAL SPECIFICATIONS@25°C:

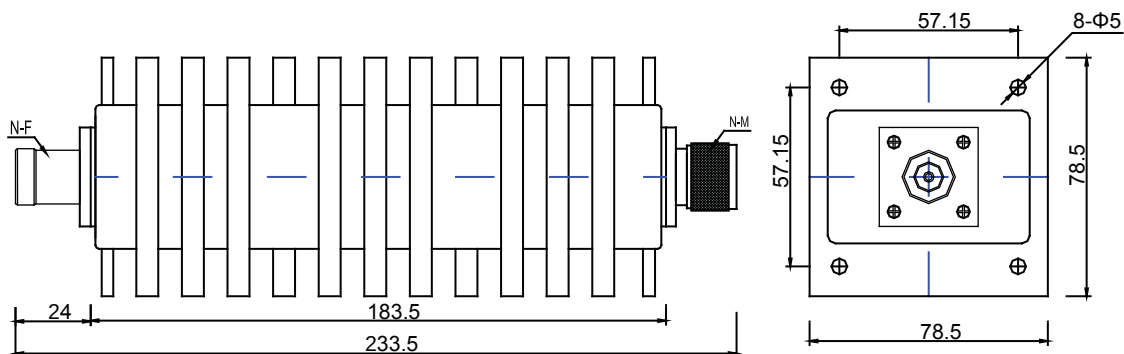
Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)			Max VSWR
		10	20	30	
MFT015F250FXXL	DC-1.5	±0.3	±0.3	±0.3	1.05
MFT030F250FXXL	DC-3	±0.3	±0.3	±0.3	1.08
MFT040F250FXXL	DC-4	±0.4	±0.4	±0.4	1.10
MFT050F250FXXL	DC-5	±0.5	±0.5	±0.5	1.12

Note: XX refer to attenuation value in dB

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	233.5*78.5*78.5		Millimeter
Weight	1.8	type	Kg
Operating Temperature	-55~+125		°C
Impedance	50		ohms

OUTLINE DRAWING(mm):



Note:

- 1.Average power:250W @ 25°C , @ 125°C.
- 2.Peak power:10KW (5μs pulse width with 2.5% duty cycle)
- 3.3rd order intermodulation(Optional): Reflected Levels(IM3) <-100dBc with two input signals @935MHz and 960MHz with average carrier power levels of +43dBm each.
- 4.Connector type:N, 7/16, please remark connector type. Standard is N-male input ,N-F output.
- 5.Customized special attenuation value & accuracy is also available.