

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:

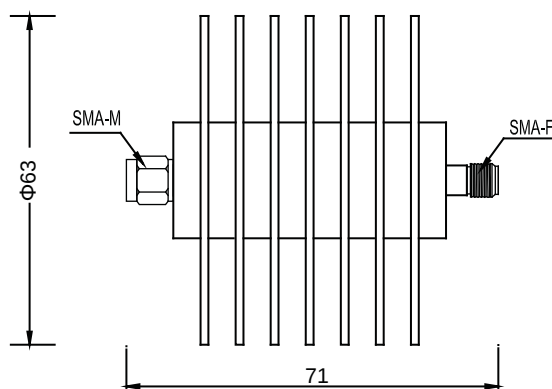
Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				Max VSWR
		10	20	30	40	
MFT080F050FXXM	DC-8	±0.4	±0.6	±0.5	±0.5	1.15
MFT124F050FXXM	DC-12.4	±0.5	±0.6	±0.8	±0.8	1.20
MFT180F050FXXM	DC-18	±1.0	±1.0	±1.0	±1.0	1.25
MFT265F050FXXM	DC-26.5	-1.0/+2.5	-1.0/+1.5	-1.0/+1.5	-1.0/+1.5	1.30

Note: XX refer to attenuation value in dB

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	Φ63*71		Millimeter
Weight	120	type	gram
Operating Temperature	-55~+125		°C
Impedance	50		ohms

OUTLINE DRAWING(mm):



Note:

- 1.Average power: 50W @ 25°C , 5W @ 125°C.
- 2.Peak power:5KW (5μs pulse width with1% 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: SMA(M,F) male or femal, please remark connector type.
- 5.Customized special attenuation value & accuracy is also available.