

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:

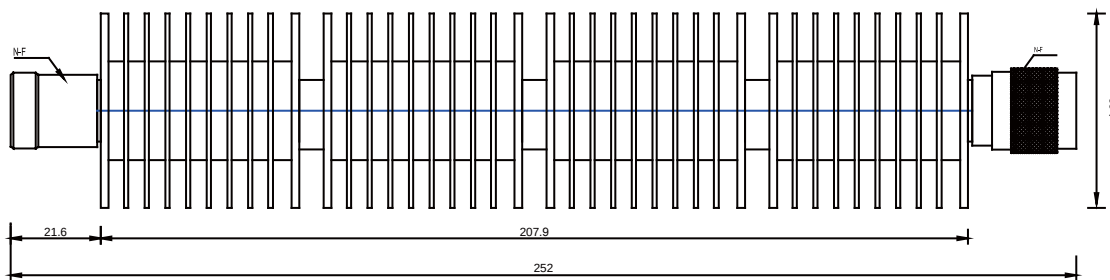
Part Number	Frequency Range (GHz)	Attenuation Value & Accuracy (dB)							Max VSWR
		3	6	10	20	30	40	50	
MFT080F150FXXM	DC-8	±1.0	±0.7	-2.0/+1.0	-1.0/+0.75	-1.0/+0.8	-1.0/+0.8	-1.0/+0.8	1.28
MFT124F150FXXM	DC-12.4	-1.0/+1.5	-0.7/+3.0	±1.0	±1	-1.0/+0.8	-1.0/+0.8	±1.0	1.28
MFT180F150FXXM	DC-18	-1.0/+2.0	-0.7/+3.5	-1.0/+2.0	-1.0/+2.0	-1.0/+1.5	±1.5	-1.0/+1.5	1.45

Note: XX refer to attenuation value in dB

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	Φ63×252		Millimeter
Weight	0.7	type	Kg
Operating Temperature	-55~+125		°C
Impedance	50		ohms

OUTLINE DRAWING(mm):



Note:

- 1.Average power:150W @ 25°C ,15W @ 125°C.
- 2.Peak power:1KW (5μs pulse width with 15% 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 male or female, please remark connector type.
- 5.Customized special attenuation value & accuracy is also available.