

### 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:

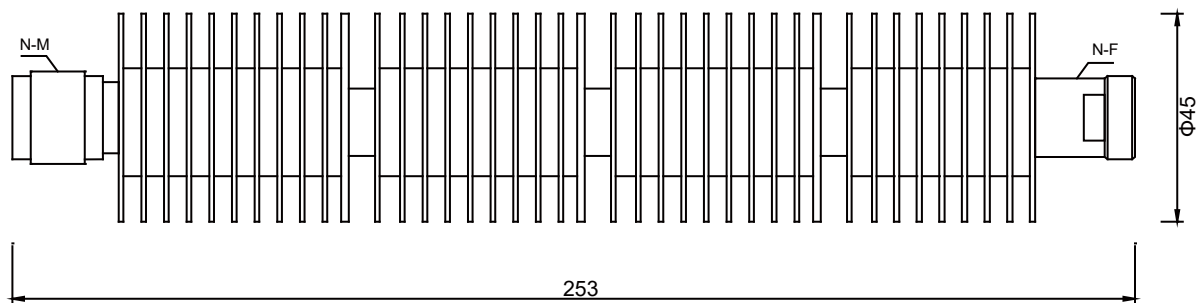
Frequency Range(GHz)	Attenuation Value & Accuracy (dB)							Max VSWR
	3	6	10	20	30	40	50	
DC-8	±1.0	±1.0	-2.0/+1.0	-1.5/+1.0	±1.0	±1.0	±0.5	1.30
DC-12.4	-1.0/+1.5	-1.0/+3.0	-2.0/+1.5	±1.5	±1.2	±1.2	-0.5/+1.5	1.35
DC-18	-1.0/+2.0	-1.0/+3.0	-2.0/+2.5	-1.5/+2.5	-1.2/+2.0	-1.2/+2.0	-0.5/+2.0	1.40

How to order: MFT180F100F50L-XX,if order 30dB attenuator part number will be MFT180F100F50L-30.XX:Atten Value.

### MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	Φ45*253		Millimeter
Weight	0.75	type	Kg
Operating Temperature	-55~+125		°C
Impedance	50		ohms

### OUTLINE DRAWING(mm):



### Note:

- 1.Average power:100W @ 25°C ,10W @ 125°C.
- 2.Peak power:1KW (5μs pulse width with 5% duty cycle)
- 3.Connector type: N,SMA,TNC, please remark connector type.Standard is N-M input ,N-F output.
- 4.Customized special attenuation value & accuracy is also available.