

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:

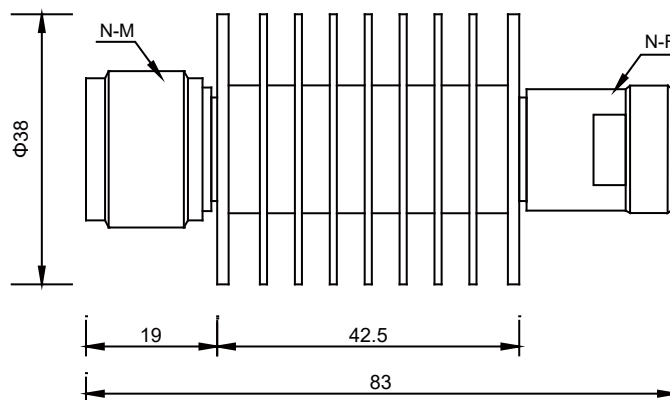
Frequency Range(GHz)	Attenuation Value & Accuracy (dB)					Max VSWR	
	1-9	10	20	30	40	Normal	Precise
DC-4	±0.3	±0.3	±0.3	±0.3	±0.3	1.15	1.10
DC-8	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	1.20	1.15
DC-12.4	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	1.25	1.20
DC-18	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	1.30	1.30

How to order: MFT180F010F40M-XX,if order 30dB attenuator part number will be MFT180F010F40M-30.XX:Atten Value.

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	Φ38*83		Millimeter
Weight	115	type	gram
Operating Temperature	-55~+125		°C
Impedance	50		ohms

OUTLINE DRAWING(mm):



Note:

- 1.Average power: 10W @ 25°C ,1W @ 125°C.
- 2.Peak power:1KW (5μs pulse width with 0.5% duty cycle)
- 3.Connector type: N,TNC male or female, please remark connector type.Standard is N-M input , N-F output.
- 4.Customized special attenuation value & accuracy is also available.