

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:

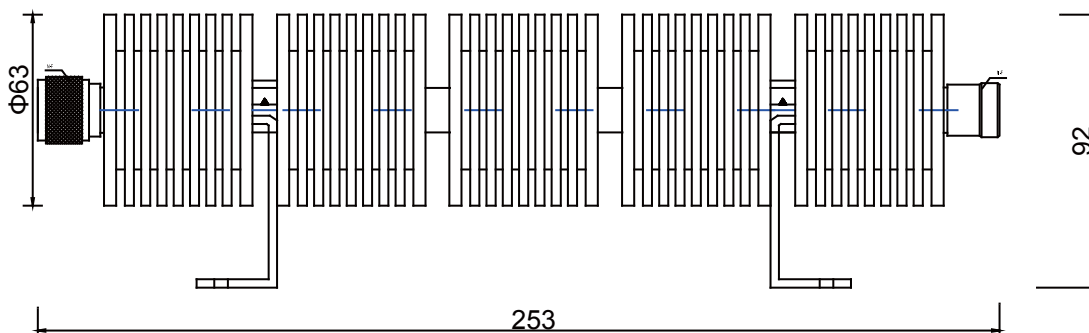
Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				Max VSWR
		10	20	30	40	
MFT100F100FXXM	DC-10	-2.0/+1.0	-2.0/+1.0	-1.0/+0.7	-1.0/+0.5	1.30
MFT124F100FXXM	DC-12.4	-2.0/+1.0	-2.0/+1.0	-1.0/+0.7	-1.0/+0.5	1.30
MFT180F100FXXM	DC-18	-2.0/+2.5	-2.0/+2.0	-1.0/+1.0	-1.0/+1.0	1.40

Note: XX refer to attenuation value in dB

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	Φ63×253		Millimeter
Weight	0.78	type	Kg
Operating Temperature	-55~+125		°C
Impedance	50		ohms

OUTLINE DRAWING(mm):



Note:

- 1.Average power:100W @ 25°C , 15W @ 125°C.
- 2.Peak power:1KW (5μs pulse width with 10% 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.