



DC-18GHz 100W COAXIAL FIXED ATTENUATOR MFT180F100F40L

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:

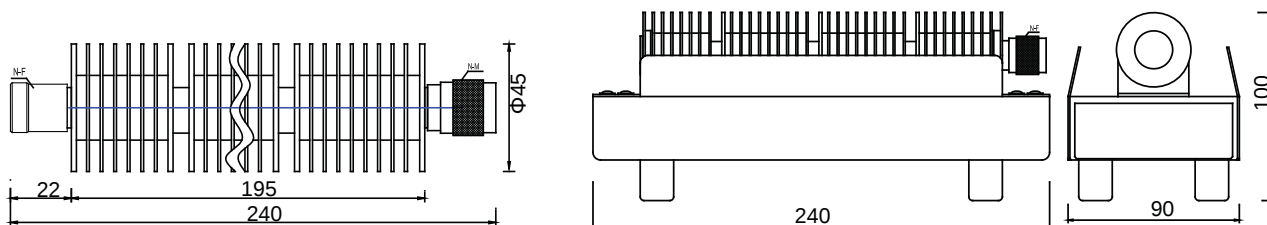
Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				Max VSWR
		10	20	30	40	
MFT040F100FXXL	DC-4	-0.5/+1.0	-0.5/+0.8	±0.70	±0.70	1.25
MFT080F100FXXL	DC-8	0.7/+1.25	-0.5/+1.2	±0.85	±0.85	1.30
MFT124F100FXXL	DC-12.4	-1.0/+2.0	±1.25	±1.20	±1.20	1.35
MFT180F100FXXL	DC-18	-2/+2.5	-1.25/+2.0	-1.25/+2.0	-1.25/+2.0	1.45

Note: XX refer to attenuation value in dB

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	Φ45*240/40*90*100*(with fans)		Millimeter
Weight	0.75/1.42	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 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, SMA, please remark connector type.Standard is N-male input ,N-F output.
- 5.Customized special attenuation value & accuracy is also available.