

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:

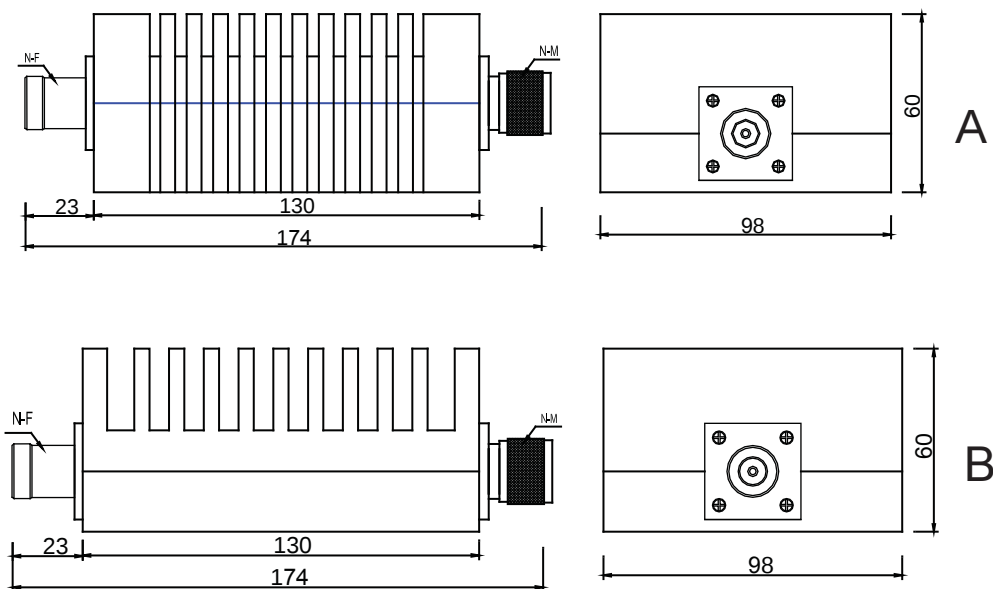
Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				Max VSWR
		10	20	30	40	
MFT010F080FXXL	DC-1	±0.4	±0.3	±0.3	±0.4	1.15
MFT020F080FXXL	DC-2	±0.5	±0.4	±0.5	±0.5	1.20
MFT030F080FXXL	DC-3	±0.6	±0.5	±0.6	±0.6	1.30
MFT040F080FXXL	DC-4	±0.75	±0.75	±0.75	±0.75	1.35

Note: XX refer to attenuation value in dB

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	117*98*60		Millimeter
Weight	1.75/1.5	type	Kg
Operating Temperature	-55~+125		°C
Impedance	50		ohms

OUTLINE DRAWING(mm):





DC-10GHz 80W COAXIAL FIXED ATTENUATOR MFT100F080F40L

Note:

1. Average power: 80W @ 25°C , 8W @ 125°C.
2. Peak power: 10KW (5μs pulse width with 0.8% 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, 7/16, TNC, BNC, please remark connector type. Standard is N-male input, N-F output.
5. Customized special attenuation value & accuracy is also available.