

### 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:

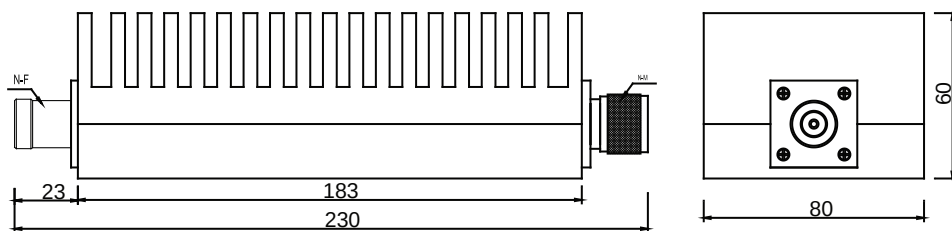
| Frequency Range (GHz) | Attenuation Value & Accuracy (dB) |       |       |       | Max VSWR |
|-----------------------|-----------------------------------|-------|-------|-------|----------|
|                       | 10                                | 20    | 30    | 40-50 |          |
| DC-1                  | ±0.4                              | ±0.4  | ±0.4  | ±0.4  | 1.15     |
| DC-2                  | ±0.5                              | ±0.5  | ±0.5  | ±0.5  | 1.20     |
| DC-3                  | ±0.6                              | ±0.6  | ±0.6  | ±0.6  | 1.30     |
| DC-4                  | ±0.75                             | ±0.75 | ±0.75 | ±0.75 | 1.35     |

How to order:MFT040F100F50L-XX,if order 30dB attenuator part number will be MFT040F100F50L-30.XX:Atten Value.

### MECHANICAL SPECIFICATIONS:

| Parameter             | Value     | Limits | Units      |
|-----------------------|-----------|--------|------------|
| Dimensions            | 230*80*60 |        | Millimeter |
| Weight                | 1.8       | 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:10KW (5μs pulse width with 1% duty cycle)
- 3.Connector type: N, 7/16, please remark connector type. Standard is N-male input ,N-F output.
- 4.Customized special attenuation value & accuracy is also available.