

### 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:

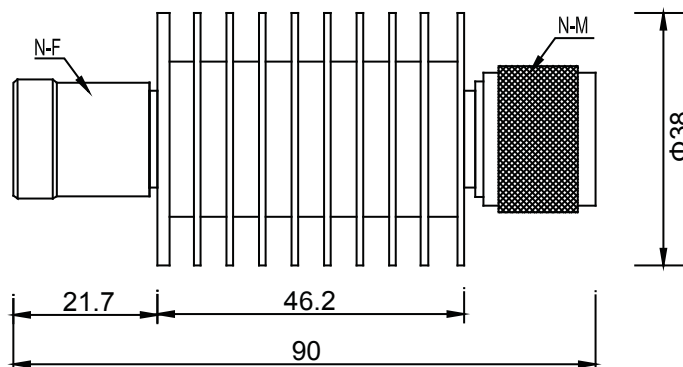
| Part Number    | Frequency Range(GHz) | Attenuation Value & Accuracy (dB) |      |      |      |       |       | Max VSWR |
|----------------|----------------------|-----------------------------------|------|------|------|-------|-------|----------|
|                |                      | 10                                | 20   | 30   | 40   | 50    | 60    |          |
| MFT040F010FXXL | DC-4                 | ±0.4                              | ±0.4 | ±0.4 | ±0.5 | ±0.75 | ±0.75 | 1.20     |
| MFT080F010FXXL | DC-8                 | ±0.5                              | ±0.5 | ±0.5 | ±0.7 | ±1.0  | ±1.0  | 1.25     |
| MFT124F010FXXL | DC-12.4              | ±0.8                              | ±0.8 | ±0.8 | ±0.8 | ±1.2  | ±1.2  | 1.35     |

Note: XX refer to attenuation value in dB

### MECHANICAL SPECIFICATIONS:

| Parameter             | Value    | Limits | Units      |
|-----------------------|----------|--------|------------|
| Dimensions            | Φ38*90   |        | Millimeter |
| Weight                | 140      | 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 with1% duty cycle)
- 3.Connector type: N, SMA, TNC, please remark connector type.Standard is N-male input ,N-F output.
- 5.Customized special attenuation value & accuracy is also available.