

### 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:

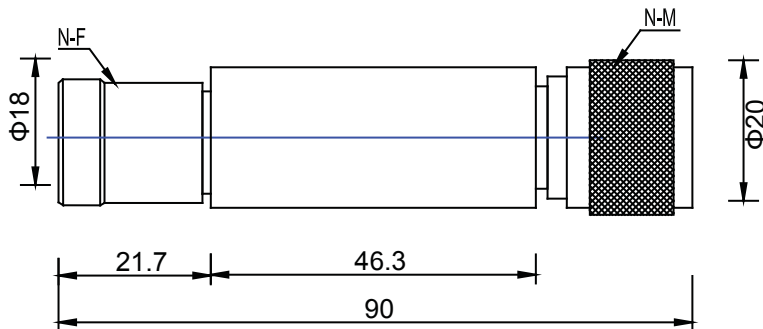
| Part Number    | Frequency Range(GHz) | Attenuation Value & Accuracy (dB) |       | Max VSWR |
|----------------|----------------------|-----------------------------------|-------|----------|
|                |                      | 50                                | 60    |          |
| MFT040F005FXXL | DC-4                 | ±0.75                             | ±0.75 | 1.20     |
| MFT080F005FXXL | DC-8                 | ±0.75                             | ±0.8  | 1.25     |
| MFT124F005FXXL | DC-12.4              | ±1.0                              | ±1.0  | 1.30     |
| MFT180F005FXXL | DC-18                | ±1.5                              | ±1.5  | 1.35     |

Note: XX refer to attenuation value in dB

### MECHANICAL SPECIFICATIONS:

| Parameter             | Value    | Limits | Units      |
|-----------------------|----------|--------|------------|
| Dimensions            | Φ20*90   |        | Millimeter |
| Weight                | 90       | type   | gram       |
| Operating Temperature | -55~+125 |        | °C         |
| Impedance             | 50       |        | ohms       |

### OUTLINE DRAWING(mm):



### Note:

- 1.Average power: 5W @ 25°C , 0.5W @ 125°C.
- 2.Peak power:0.5KW (5μs pulse width with1% duty cycle)
- 3.Connector type: N,SMA, please remark connector type.Standard is N-male input ,N-F output.
- 4.Customized special attenuation value & accuracy is also available.