

### 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:

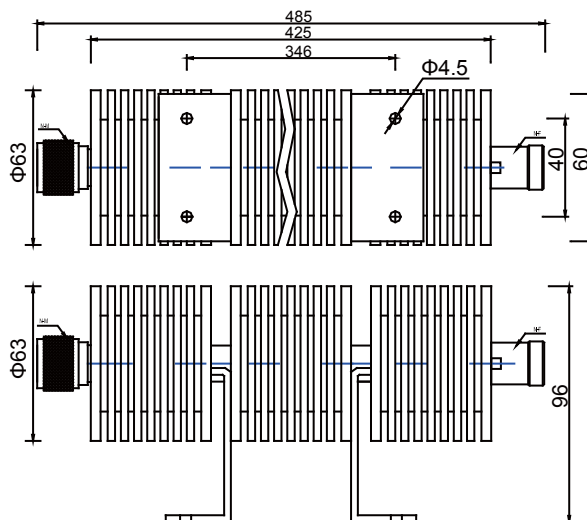
| Part Number    | Frequency Range(GHz) | Attenuation Value & Accuracy (dB) | Max VSWR |
|----------------|----------------------|-----------------------------------|----------|
|                |                      | 30                                |          |
| MFT040F300FXXL | DC-4                 | -2.0/+1.5                         | 1.30     |

Note: XX refer to attenuation value in dB

### MECHANICAL SPECIFICATIONS:

| Parameter             | Value     | Limits | Units      |
|-----------------------|-----------|--------|------------|
| Dimensions            | 485×63×96 |        | Millimeter |
| Weight                | 1.5       | type   | Kg         |
| Operating Temperature | -55~+125  |        | °C         |
| Impedance             | 50        |        | ohms       |

### OUTLINE DRAWING(mm):



### Note:

- 1.Average power:300W @ 25°C , 30W @ 125°C.
- 2.Peak power:10KW (5μs pulse width with 3% 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.