

## FCT18K4

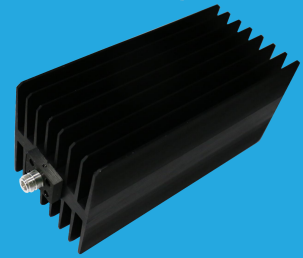
### DC~18GHz, 400W

**Features:**

- \* Low VSWR
- \* High Attenuation Flatness

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test
- \* Radar



### Electrical

|                               |  |
|-------------------------------|--|
| Frequency:                    | DC~18GHz   |
| Impedance:                    | 50Ω  |
| Average Power* <sup>1</sup> : | 400W@25°C  |
| Peak Power:                   | 5KW (5μS pulse width, 4% duty cycle) @DC~12.4GHz<br>1KW (5μS pulse width, 20% duty cycle) @18GHz |

[1] Derated linearly to 20W@120°C.

### VSWR

| Frequency (GHz) | N    |
|-----------------|------|
| DC~4            | 1.2  |
| DC~8            | 1.25 |
| DC~12.4         | 1.35 |
| DC~18           | 1.45 |

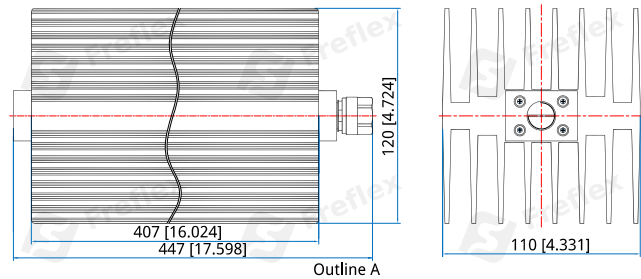
### Mechanical

RF Connectors: N Male

### Environmental

Temperature: -55~+125°C

### Outline Drawings



Unit: mm [in]      Tolerance: ±2mm [±0.08in]

### How To Order

#### FCT18K4-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

N - N male (Outline A)

NF - N female

Examples:

To order a termination, DC-12.4GHz, N male, specify FCT18K5-12.4-N

Customization is available upon request.