

## FLAS-12000-18000-24-15

12~18GHz, 24dB, 1.5dB

### Features:

- \* Broadband
- \* Low Noise

### Applications:

- \* Wireless
- \* Receiver
- \* Laboratory Test
- \* Radar



### Electrical

|                      |              |
|----------------------|--------------|
| Frequency:           | 12~18GHz     |
| Small Signal Gain:   | 24dB typ.    |
| Gain Flatness:       | ±1.5dB typ.  |
| Output Power (P1dB): | 14dBm typ.   |
| Noise Figure:        | 1.5dB typ.   |
| Spurious:            | -60dBc max.  |
| VSWR:                | 1.45 typ.    |
| Voltage:             | +85~+265V AC |
| Impedance:           | 50Ω          |

### Absolute Maximum Ratings\*1

|                 |        |
|-----------------|--------|
| RF Input Power: | +20dBm |
|-----------------|--------|

[1] Permanent damage may occur if any of these limits are exceeded.

### Mechanical

|         |                     |
|---------|---------------------|
| Size*2: | 136*186*52mm        |
|         | 5.354*7.323*2.047in |

RF Connectors: SMA Female

[2] Exclude connectors, rack mount brackets, handles.

### Environmental

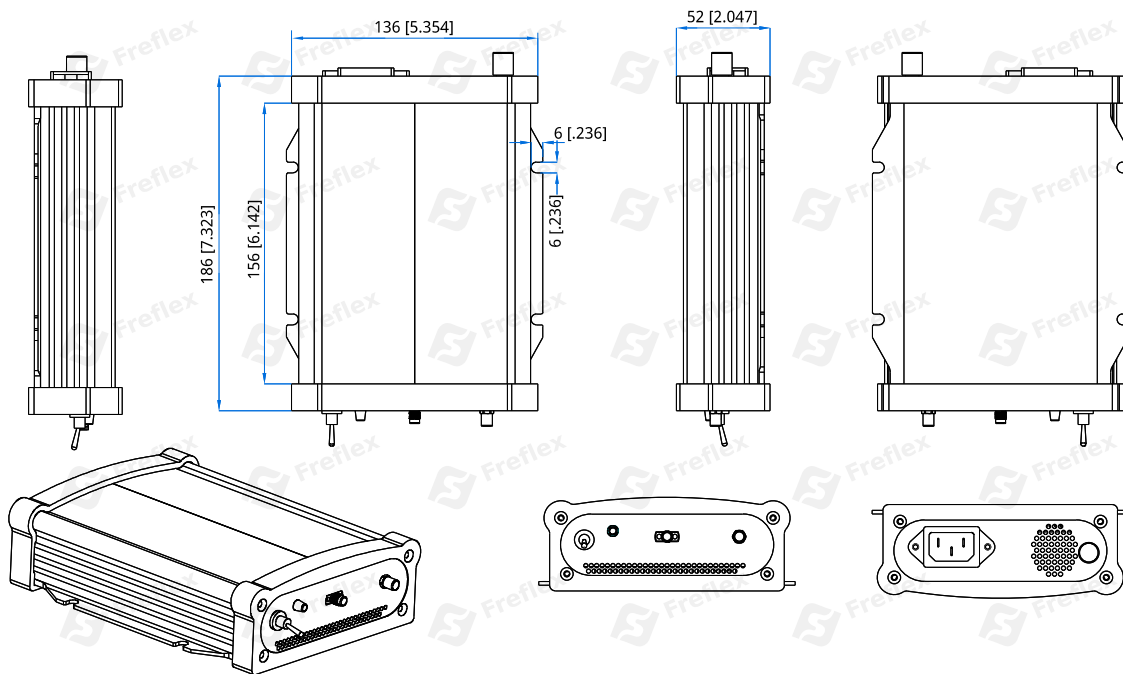
|                            |           |
|----------------------------|-----------|
| Operating Temperature:     | -20~+50°C |
| Non-operating Temperature: | -40~+85°C |

### How To Order

**FLAS-12000-18000-24-15**

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]