

## FHC8-2000-12400-30-S

### 2~12.4GHz, 30W

Features:  
 \* Broadband  
 \* High Power  
 \* Low Insertion Loss

Applications:  
 \* Amplifiers  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

### Electrical

Frequency:	2~12.4GHz
Insertion Loss <sup>*1</sup> :	1.8dB max.
Isolation:	17dB min.
VSWR:	1.5 max.
Amplitude Balance:	±0.5dB max.
Phase Balance:	±8° max.
Average Power <sup>*2</sup> :	30W max. CW
Peak Power:	3000W max.
Impedance:	50Ω

[1] Excluding theoretical loss 3.0dB.

[2] The power needs to meet the matching VSWR not exceeding 1.2.

### Mechanical

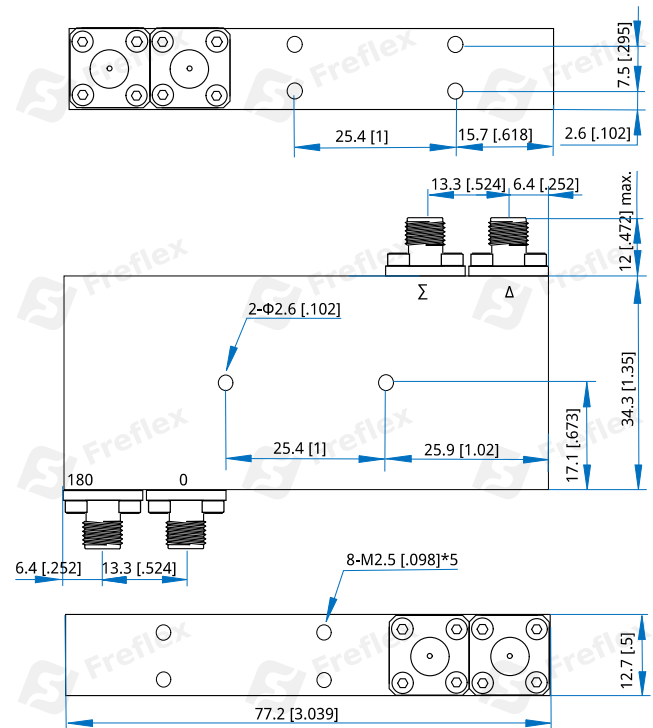
Size <sup>*3</sup> :	77.2*34.3*12.7mm 3.039*1.35*0.5in
Connectors:	SMA Female
Mounting:	2-Φ2.6mm through-hole 8-M2.5*5

[3] Exclude connectors.

### Environmental

Operation Temperature:	-55~+85°C
Non-operation Temperature:	-55~+100°C

### Outline Drawings



Unit: mm [in]

Tolerance: x.±1mm [±0.039in], .x±0.5mm [±0.02in], .xx±0.1mm [±0.004in]

### How To Order

**FHC8-2000-12400-30-S**

Customization is available upon request.