

## FHC8-500-9000-30-S

### 0.5~9GHz, 30W

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

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

#### Electrical

Frequency:	0.5~9GHz
Insertion Loss <sup>*1</sup> :	3.9dB max.
Isolation:	18dB min.
VSWR:	1.4 max.
Amplitude Balance:	±1dB max.
Phase Balance:	±9° 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

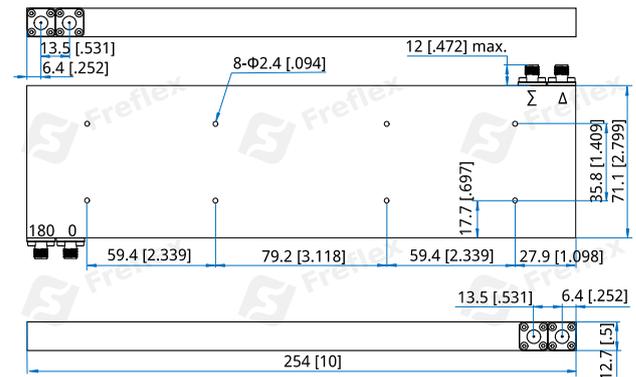
Size <sup>*3</sup> :	254*71.1*12.7mm 10*2.799*0.5in
Connectors:	SMA Female
Mounting:	8-Φ2.4mm through-hole

[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

**FHC8-500-9000-30-S**

Customization is available upon request.