

## FPD12-1000-18000-30-S

### 12-Way, 1~18GHz

Features:  
 \* Small Size  
 \* Low Insertion Loss

Applications:  
 \* Amplifiers  
 \* Mixers  
 \* Antennas  
 \* Laboratory Test

#### Electrical

Frequency:	1~18GHz
Insertion Loss <sup>*1</sup> :	4.5dB max.
Input VSWR:	1.6 max.
Output VSWR:	1.6 max.
Isolation:	16dB min.
Amplitude Balance:	±0.8dB max.
Phase Balance:	±10° max.
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 5W max. as combiner

[1] Excluding theoretical loss 10.8dB.

#### Mechanical

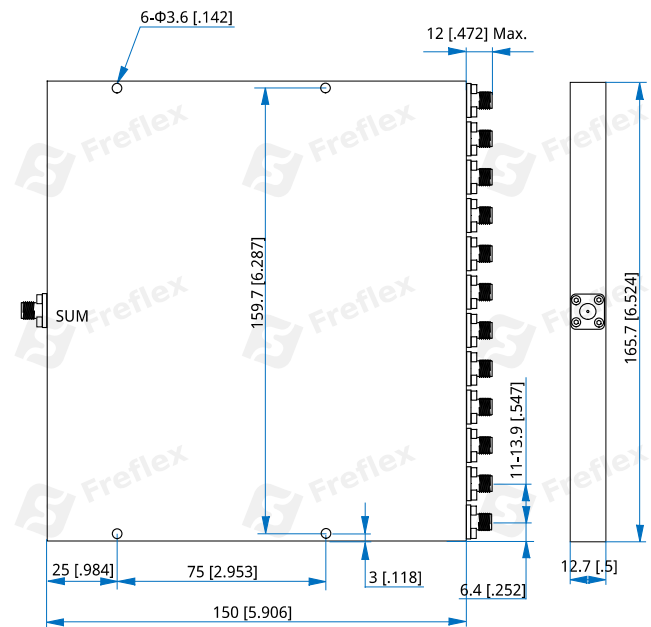
Size <sup>*2</sup> :	150*165.7*12.7mm 5.906*6.524*0.5in
Connectors:	SMA Female
Mounting:	6-Φ3.6mm through-hole

[2] Exclude connectors.

#### Environmental

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

#### Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.5mm [±0.02in]

#### How To Order

**FPD12-1000-18000-30-S**

Customization is available upon request.