

## FPD8-0-8000-2

### 8-Way, DC~8GHz, 2W

Features:  
 \* Small Size  
 \* Low Insertion Loss

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



#### Electrical

Frequency:	DC~8GHz
Insertion Loss <sup>*1</sup> :	±1dB typ. (SMA) ±2dB typ. (N)
VSWR:	1.3 max. (SMA) 1.9 max. (N)
Isolation:	16dB min.
Amplitude Balance:	±5dB
Phase Balance:	±90°
Impedance:	50Ω
Average Power:	2W as divider

[1] Excluding theoretical loss 18dB.

#### Mechanical

Connectors<sup>\*2</sup>: SMA Female  
 N Female

[2] Female connectors can be replaced with male connectors on request.

#### Environmental

Operation Temperature: -35~+75°C  
 Non-operating Temperature: -45~+85°C

#### How To Order

**FPD8-0-8000-2-Y**

Y: Connector type

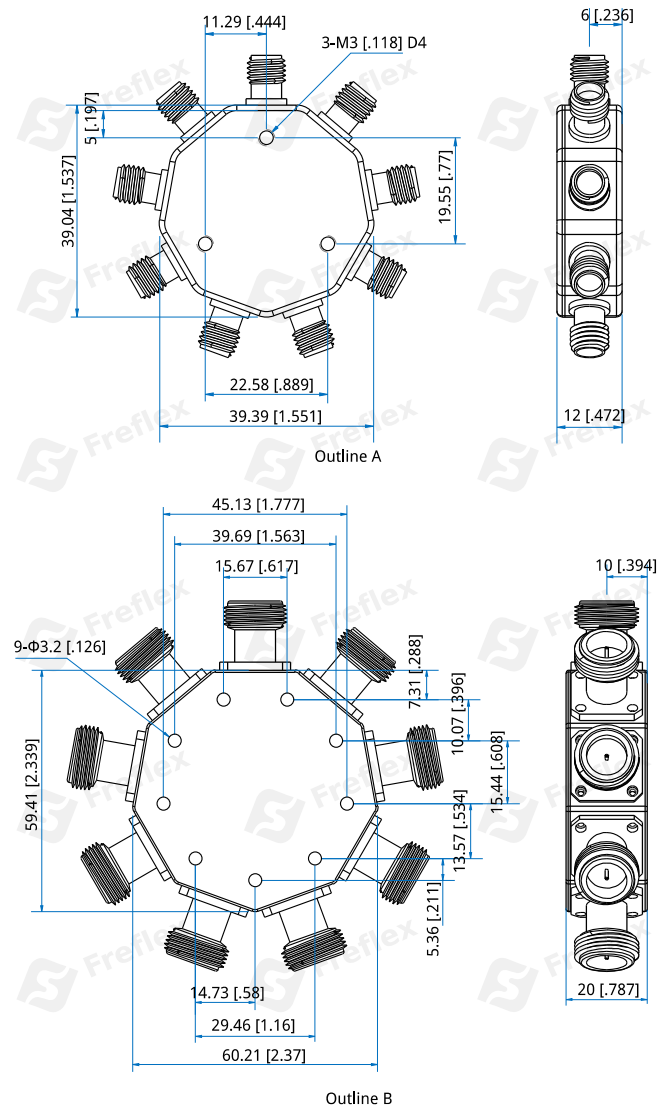
Connector naming rules:  
 S - SMA Female (Outline A)  
 N - N Female (Outline B)

Examples:

To order a 2-way power divider, DC~8GHz, 2W, SMA female, specify FPD2-0-8000-2-S.

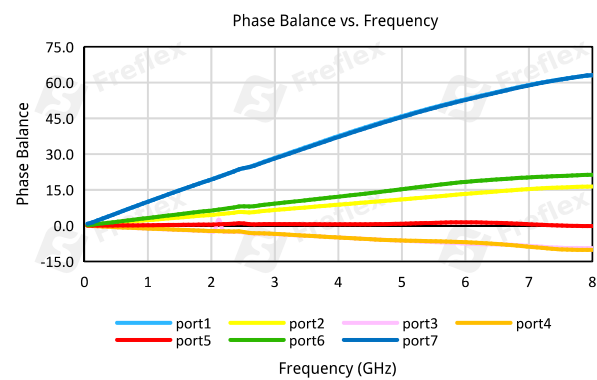
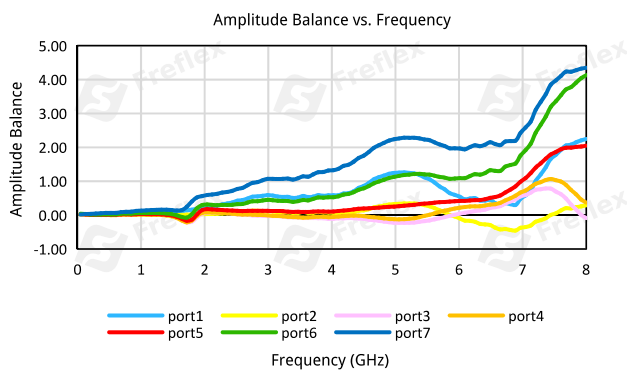
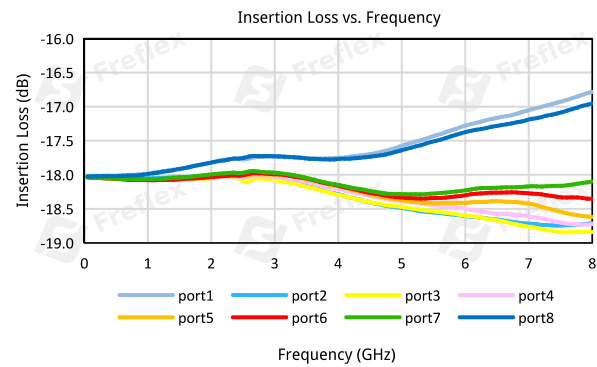
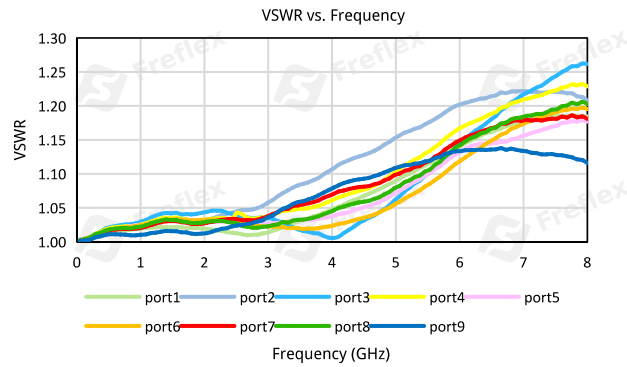
Customization is available upon request.

#### Outline Drawings



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

## Typical Performance Curves SMA



## N

