

FPD2-2000-4000-30

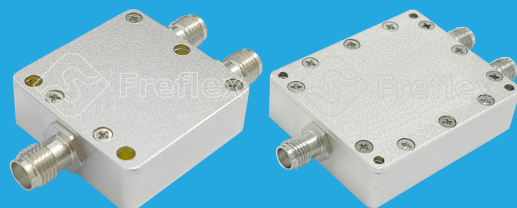
2-Way, 2~4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test



Electrical

Frequency:	2~4GHz
Insertion Loss ^{*1} :	0.4dB max. 0.5dB max. (Outline C)
VSWR:	1.2 max.
Isolation:	20dB min. 40dB typ. (Outline C)
Amplitude Balance:	±0.2dB
Phase Balance:	±3°
Impedance:	50Ω
Power @SUM Port:	30W max.as divider 2W max. as combiner

[1] Excluding theoretical loss 3dB.

Mechanical

Connectors:	SMA Female N Female
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Environmental

Operation Temperature:	-35~+75°C
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How To Order

FPD2-2000-4000-30-Y

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

N - N Female (Outline B)

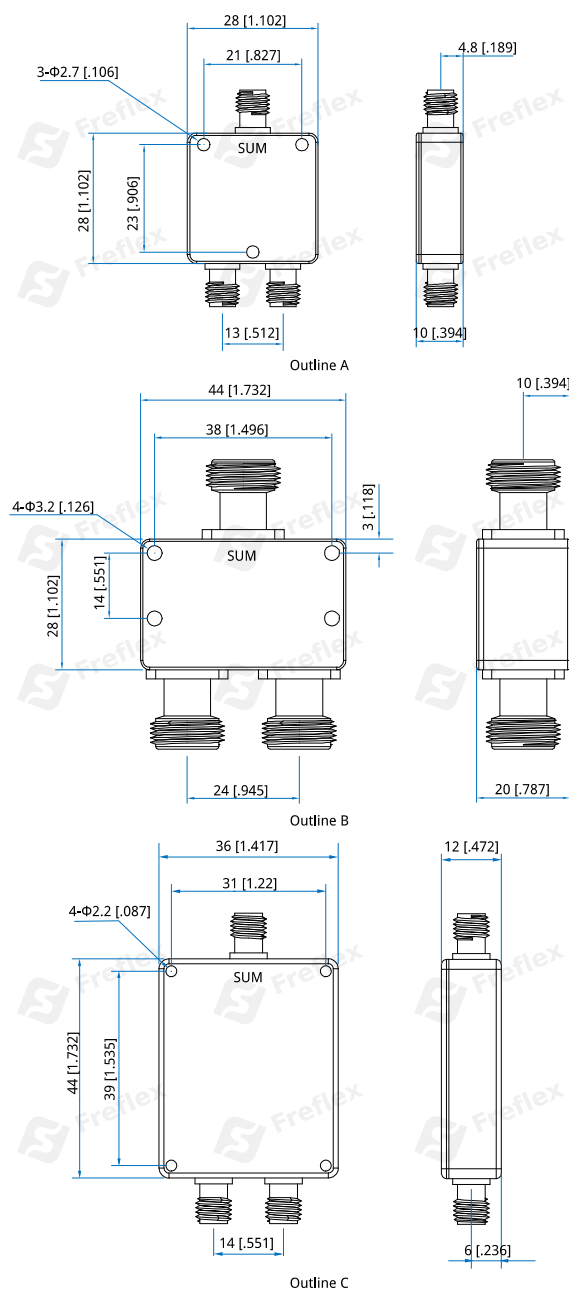
S-1 - SMA Female (Outline C)

Examples:

To order a 2-way power divider, 2~4GHz, 30W, N female, specify FPD2-2000-4000-30-N.

Customization is available upon request.

Outline Drawings

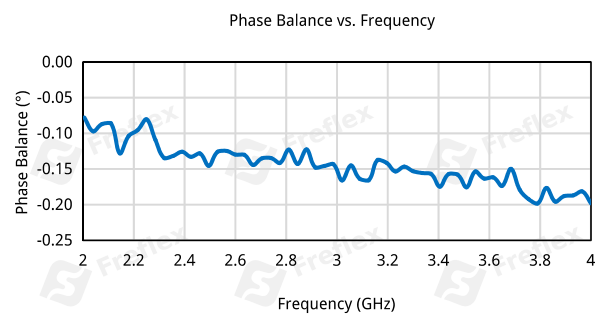
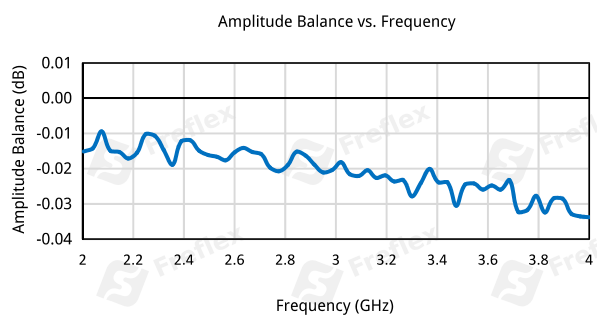
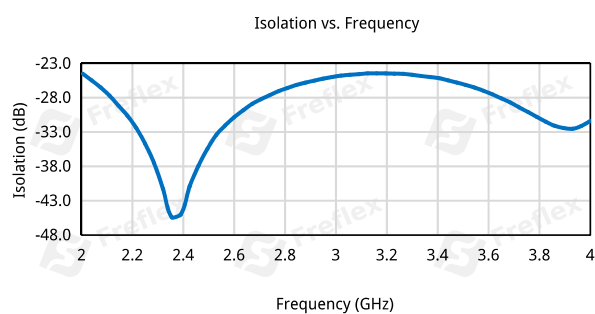
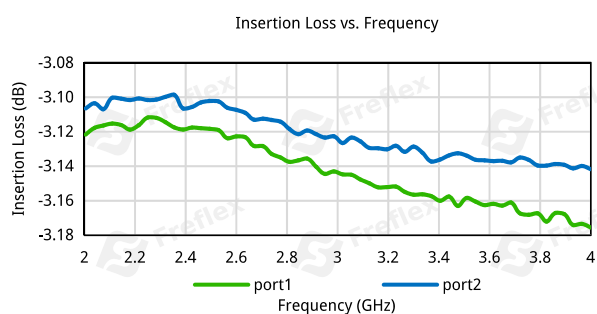
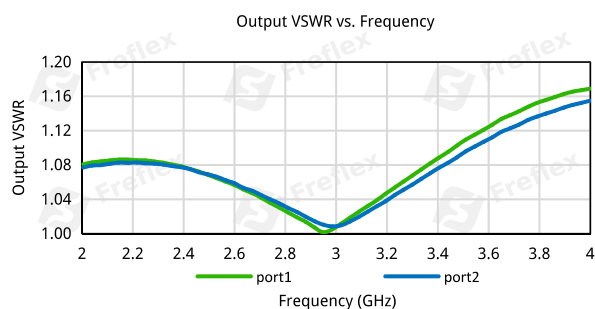
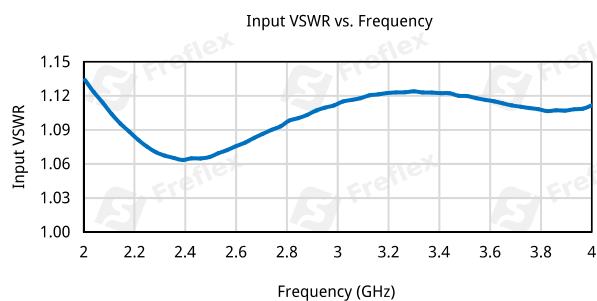


Unit: mm [in]

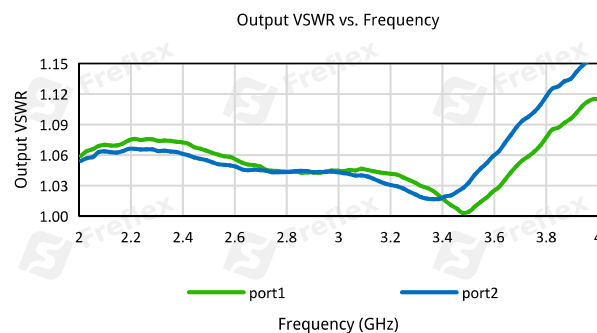
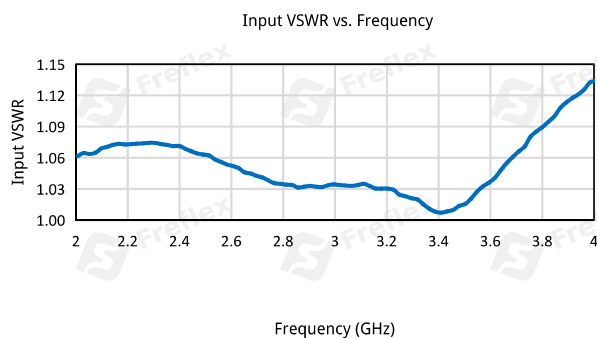
Tolerance: ±0.5mm [±0.02in]

Typical Performance Curves

FPD2-2000-4000-30-S

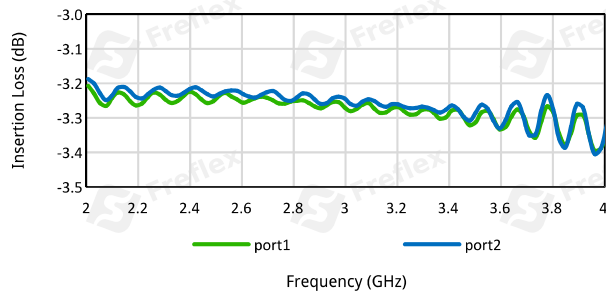


FPD2-2000-4000-30-S-1

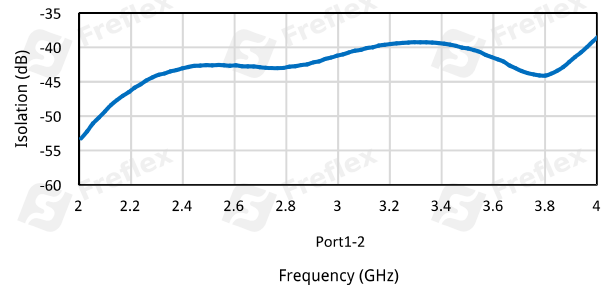


2-Way Power Dividers/Combiners

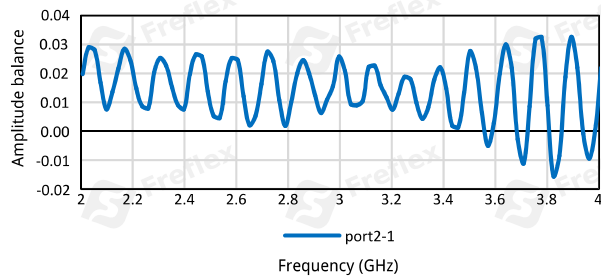
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude balance vs. Frequency



Phase balance vs. Frequency

