

FPD2-4000-5000-K1-S

2-Way, 4~5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	4~5GHz
Insertion Loss ^{*1} :	0.3dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.2dB max.
Phase Balance:	±2° max.
Impedance:	50Ω
Power @SUM Port:	100W max.as divider 100W max.as combiner

[1] Excluding theoretical loss 3dB.

Mechanical

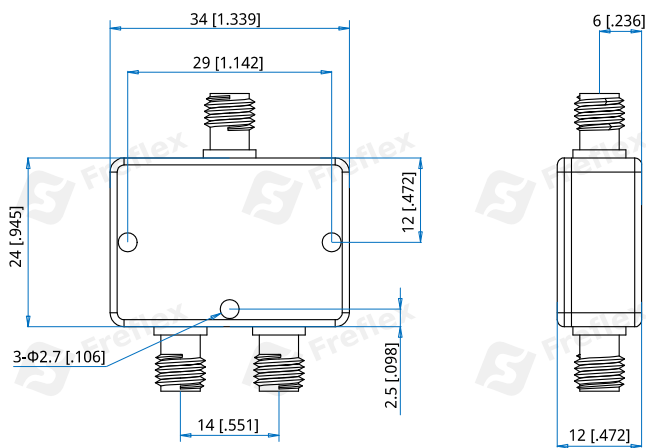
Size ^{*2} :	34*24*12mm 1.339*0.945*0.472in
Connectors:	SMA Female
Mounting:	3-Φ2.7mm through-hole

[2] Exclude connectors.

Environmental

Operation Temperature:	-40~+85°C
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Outline Drawings



Unit: mm [in]

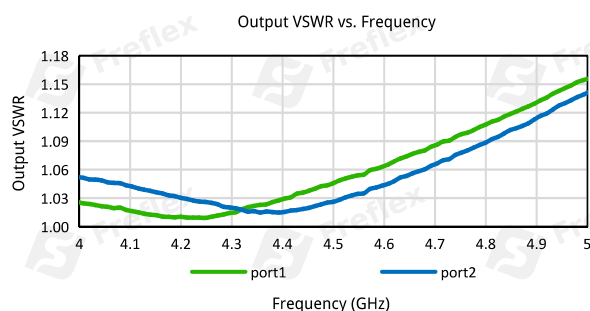
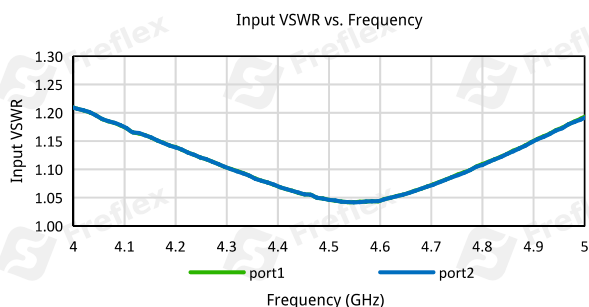
Tolerance: ±0.5mm [±0.02in]

How To Order

FPD2-4000-5000-K1-S

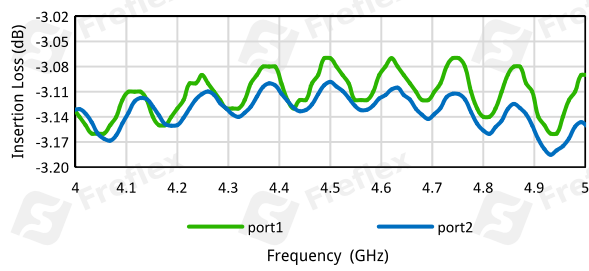
Customization is available upon request.

Typical Performance Curves

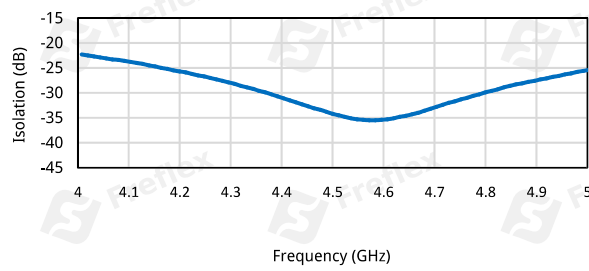


2-Way Power Divider/Combiner

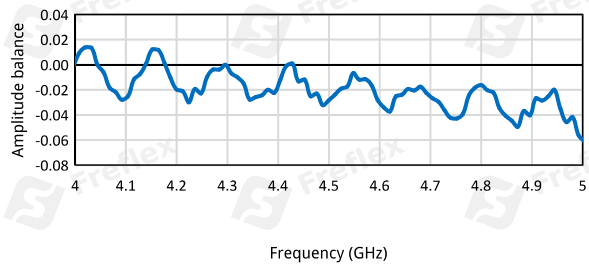
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude balance vs. Frequency



Phase balance vs. Frequency

