

FPD2-1000-2000-K5-N

2-Way, 1~2GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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



Electrical

Frequency:	1~2GHz
Insertion Loss ^{*1} :	0.1dB max.
VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.1dB typ.
Phase Balance:	±1° typ.
Impedance:	50Ω
Power @SUM Port:	500W max. as divider 500W max. as combiner

[1] Excluding theoretical loss 3dB.

Mechanical

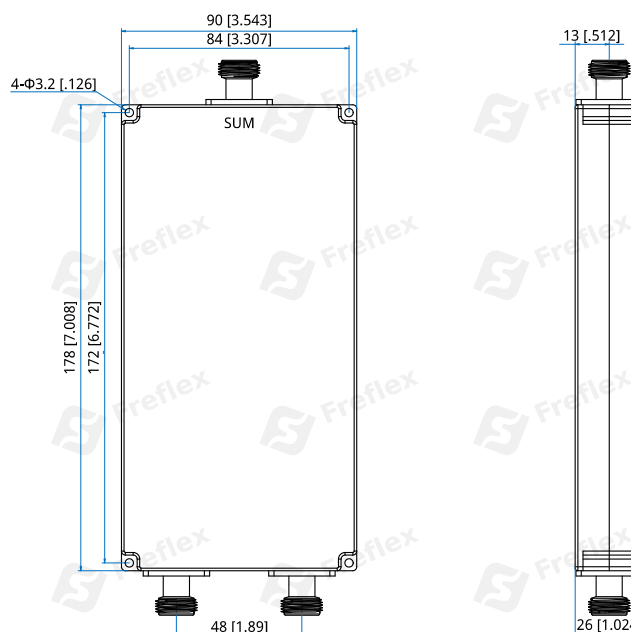
Size ^{*2} :	178*90*26mm 7.008*3.543*1.024in
Connectors:	N Female
Mounting:	4-Φ3.2mm through-hole

[2] Exclude connectors.

Environmental

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+125°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

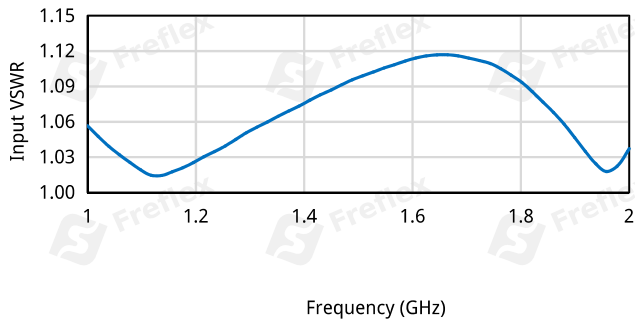
FPD2-1000-2000-K5-N

Customization is available upon request.

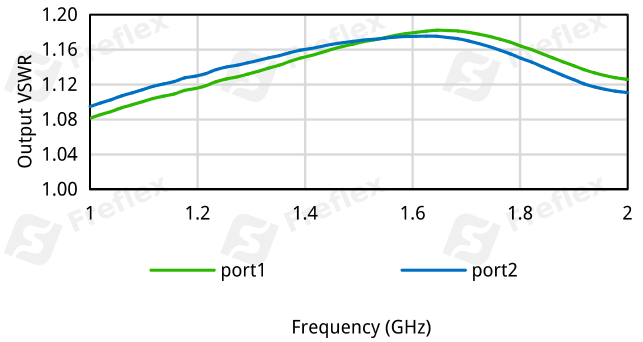
2-Way Power Divider/Combiner

Typical Performance Curves

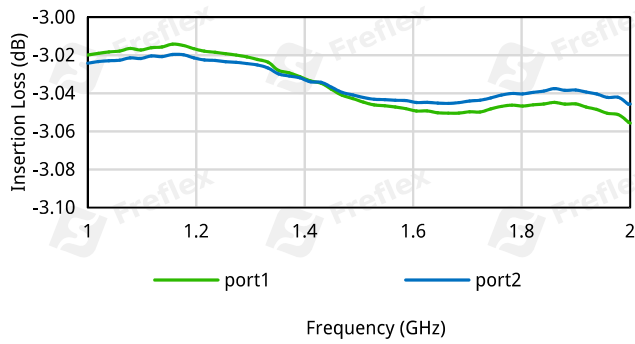
Input VSWR vs. Frequency



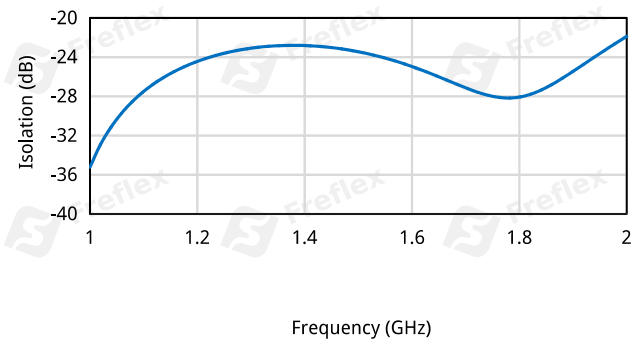
Output VSWR vs. Frequency



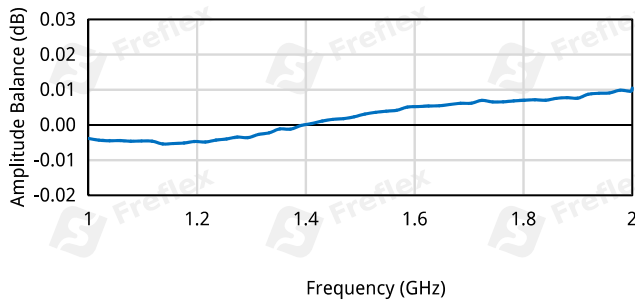
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

