FPD2-225-400-K5-N

2-Way, 0.225~0.4GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Laboratory Test
* Telecommunication
* Wireless
* Instrumentation



Electrical

Frequency:	0.225~0.4GHz
Insertion Loss[*1]:	0.1dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.1 max.
Isolation:	20dB min.
Amplitude Balance:	±0.05dB typ.
Phase Balance:	±0.4° typ.
Impedance:	50Ω
Power @SUM Port:	500W max. as divider
	500W max. as combiner

[1] Excluding theoretical loss 3.0dB.

Mechanical

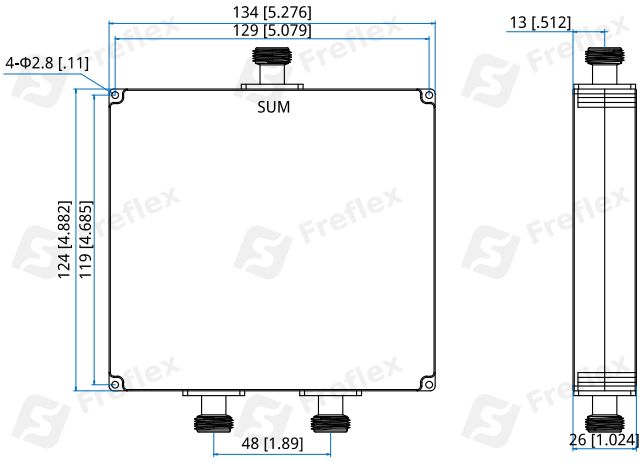
Size[*2]:	134*124*26mm
	5.276*4.882*1.024in
Connectors:	N Female
Mounting:	4-Φ2.8mm through-hole

[2] Exclude connectors.

Environmental

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

Outline Drawings



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

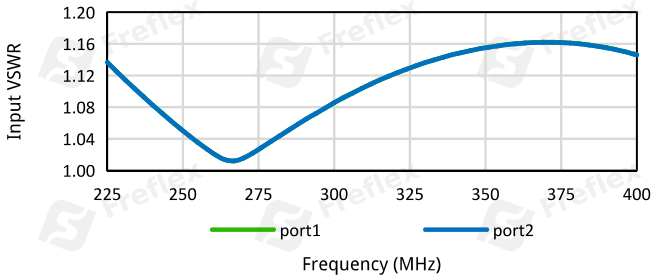
How To Order

FPD2-225-400-K5-N

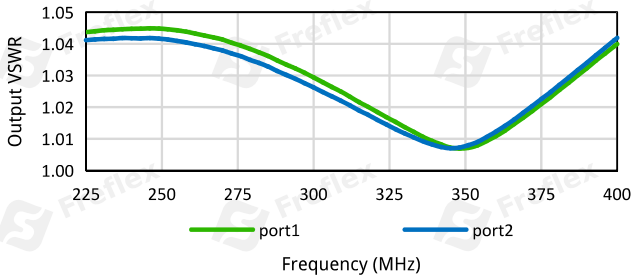
Customization is available upon request.

Typical Performance Curves

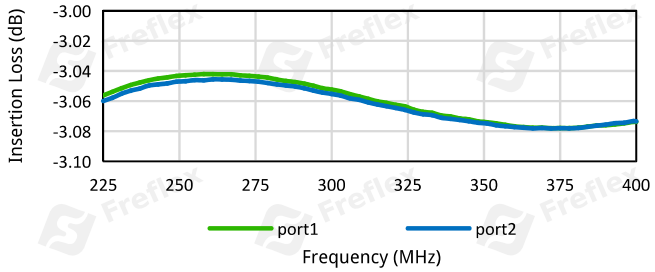
Input VSWR vs. Frequency



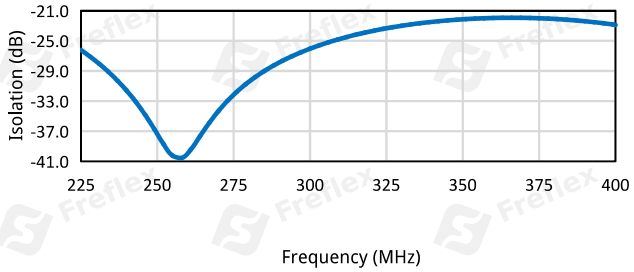
Output VSWR vs. Frequency



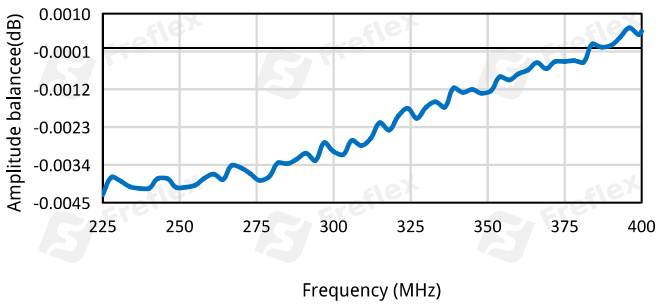
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude balance vs. Frequency



Phase balance vs. Frequency

