

FHC9-225-400-K2-N

0.225~0.4GHz, 200W

Features:

- * Broadband
- * High Power
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Transmitter
- * Laboratory Test
- * Radar


Electrical

| | |
|--------------------|--------------|
| Frequency: | 0.225~0.4GHz |
| Insertion Loss: | 0.25dB max. |
| Input VSWR: | 1.2 max. |
| Oupt VSWR: | 1.2 max. |
| Isolation: | 20dB min. |
| Amplitude Balance: | ±0.7dB |
| Phase Balance: | 90°±2° |
| Impedance: | 50Ω |
| Average Power: | 200W |
| Peak Power: | 3000W |

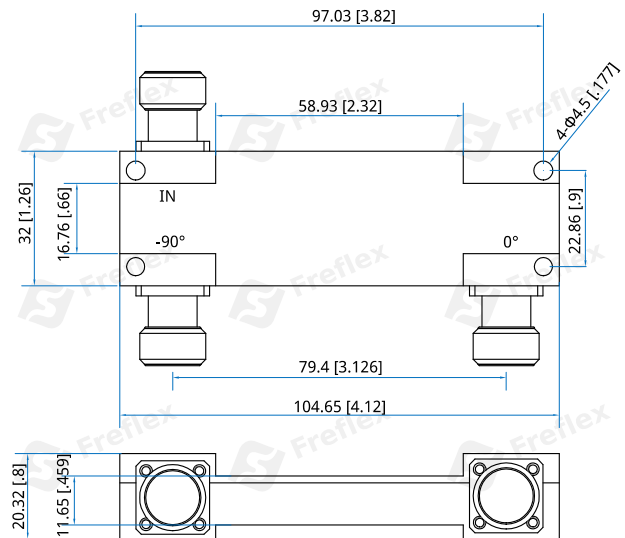
Mechanical

| | |
|-------------|--------------------------------------|
| Size*1: | 104.65*32*20.32mm 4.12*1.26*0.8in |
| Connectors: | N Female |
| Mounting: | 4-Φ4.5mm through-hole |
| Waterproof: | Meet waterproof requirements |

[1] Exclude connectors.

Enviromental

| | |
|--------------|-----------|
| Temperature: | -55~+85°C |
|--------------|-----------|

Outline Drawings


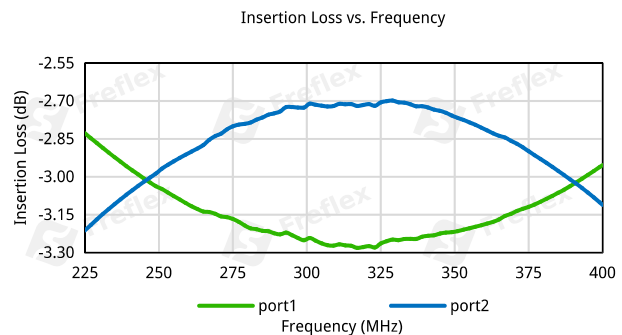
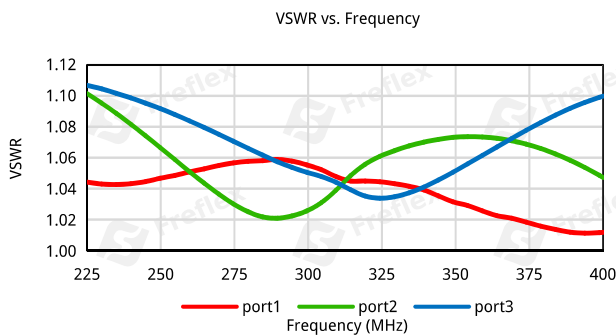
Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

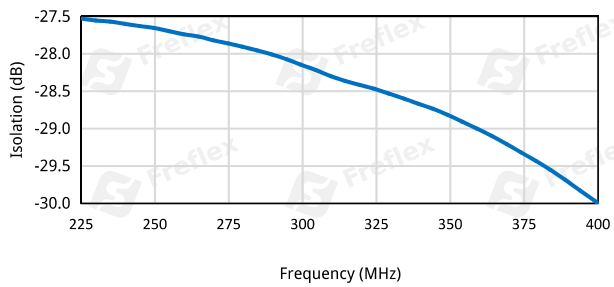
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Customization is available upon request.

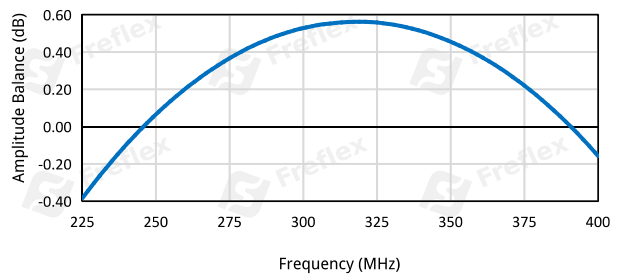
Typical Performance Curves


90 Degree Hybrid Coupler

Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

