

FPD2-500-10500-30-S

2-Way, 0.5~10.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	0.5~10.5GHz
Insertion Loss:	1.5dB max.
Input VSWR:	1.35 max.
Output VSWR:	1.2 max.
Isolation:	19dB min.
Amplitude Balance:	±0.3dB
Phase Balance:	±5°
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 2W max. as combiner

Mechanical

Size ^{*1} :	70*28*12mm 2.756*1.102*0.472in
Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole

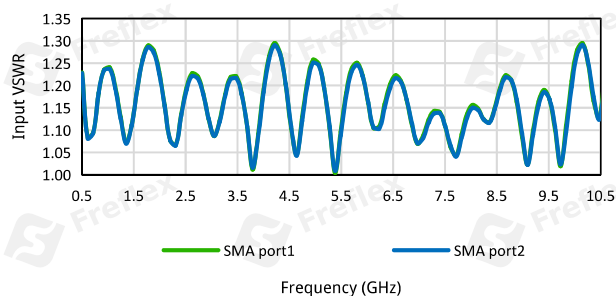
[1] Exclude connectors.

Environmental

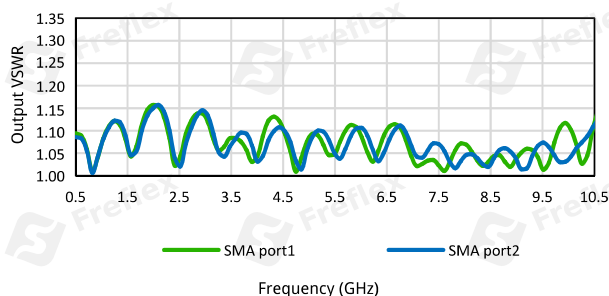
Operating Temperature:	-35~+75°C
Non-operating Temperature:	-45~+85°C

Typical Performance Curves

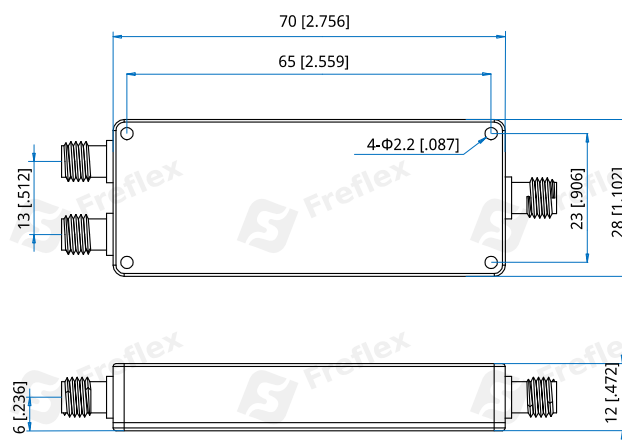
Input VSWR vs. Frequency



Output VSWR vs. Frequency



Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

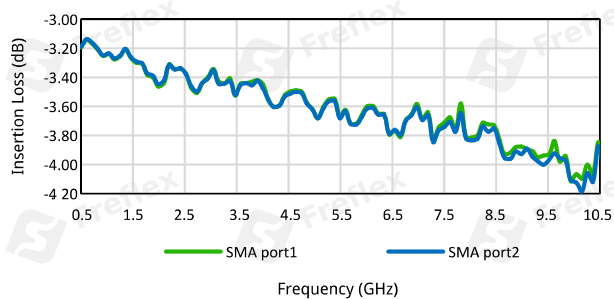
How To Order

FPD2-500-10500-30-S

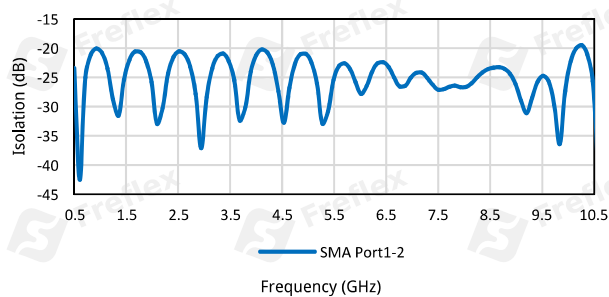
Customization is available upon request.

2-Way Power Divider/Combiner

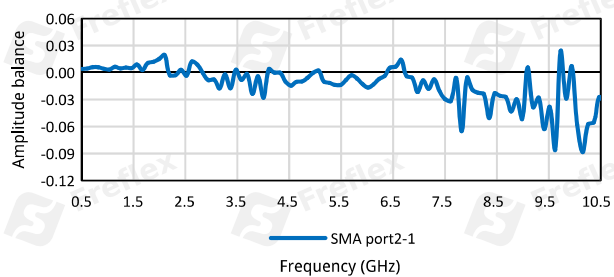
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude balance vs. Frequency



Phase balance vs. Frequency

