

FPD2-600-6000-30

2-Way, 0.6~6GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	0.6~6GHz
Insertion Loss:	1dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.2dB
Phase Balance:	±2°
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 2W max. as combiner

Mechanical

Size ^{*1} (SMA):	45*36*12mm 1.772*1.417*0.472in
Size ^{*1} (N):	50*48*20mm 1.969*1.89*0.787in
Connectors ^{*2} :	SMA Female N Female TNC Female SMP Male

[1] Exclude connectors.

[2] Female connectors can be replaced with male connectors on request.

Environmental

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

How To Order

FPD2-600-6000-30-Y

Y: Connector type

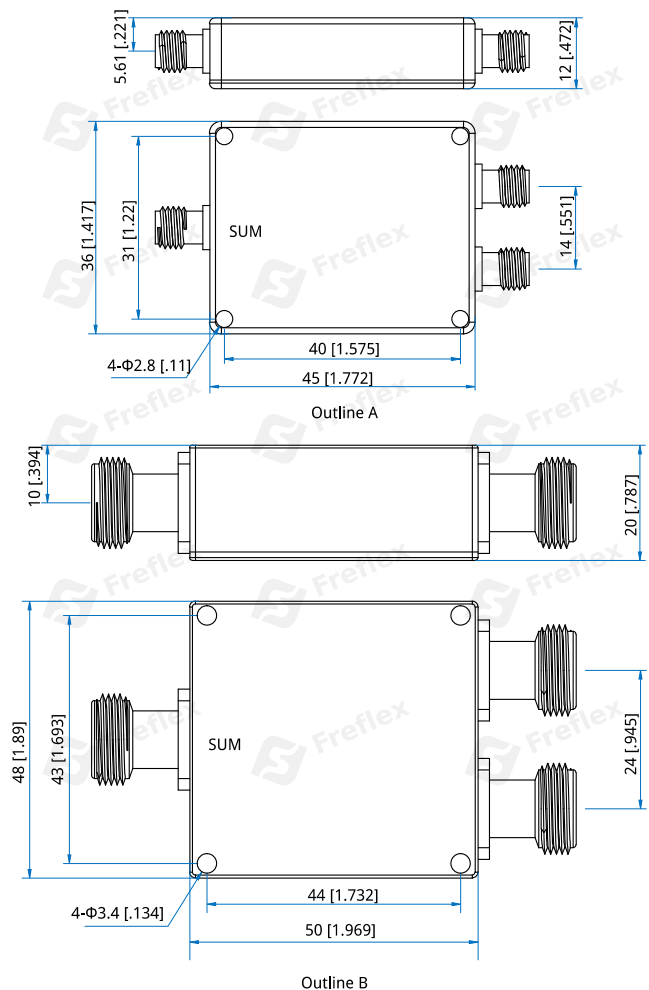
Connector naming rules:

- S - SMA Female (Outline A)
- N - N Female (Outline B)
- T - TNC Female
- P - SMP Male

Examples:

To order a 2-way power divider, 0.6~6GHz, 30W, N female, specify FPD2-600-6000-30-N.

Outline Drawings



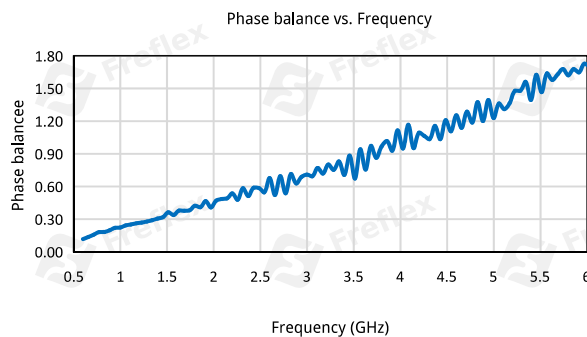
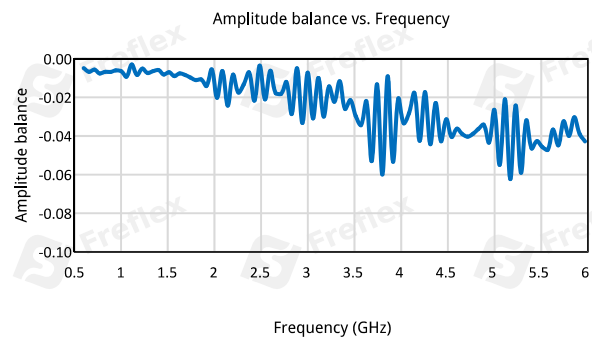
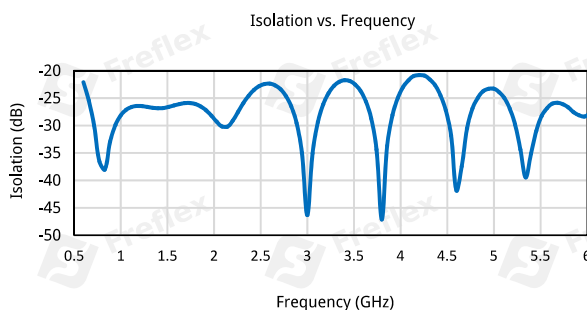
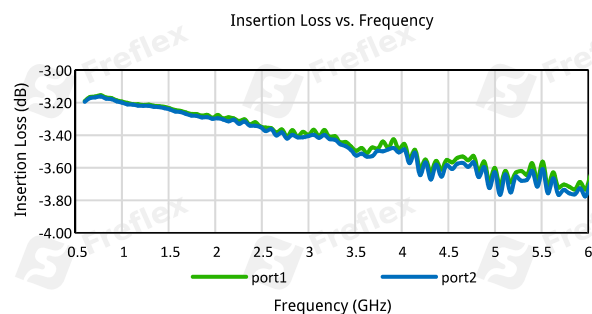
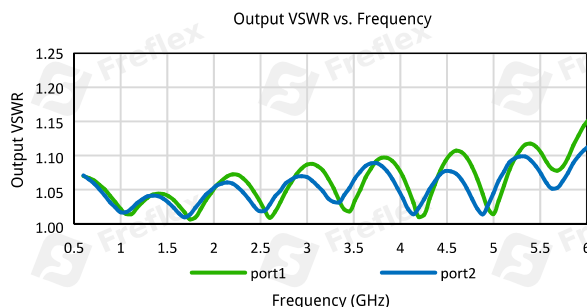
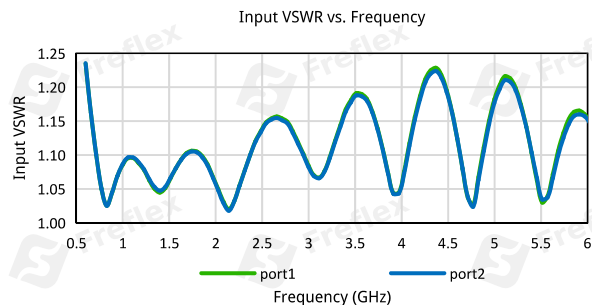
Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

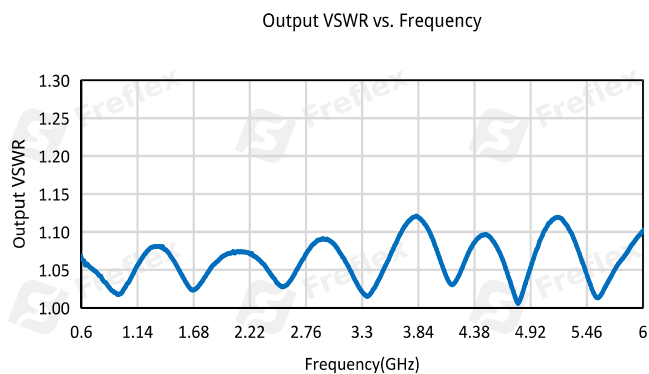
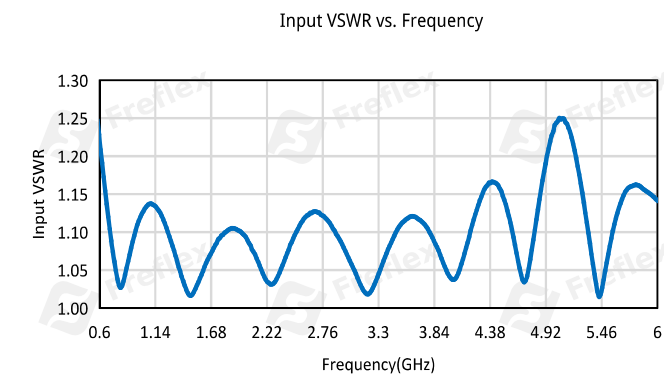
Customization is available upon request.

Typical Performance Curves

SMA

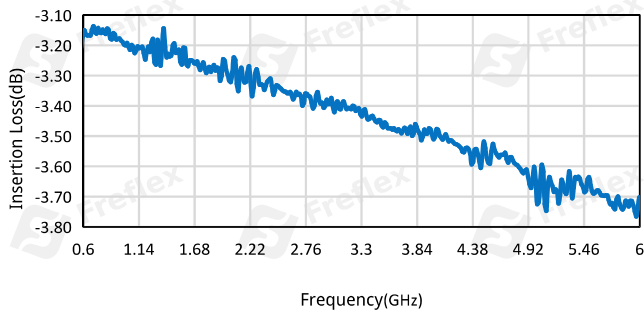


N

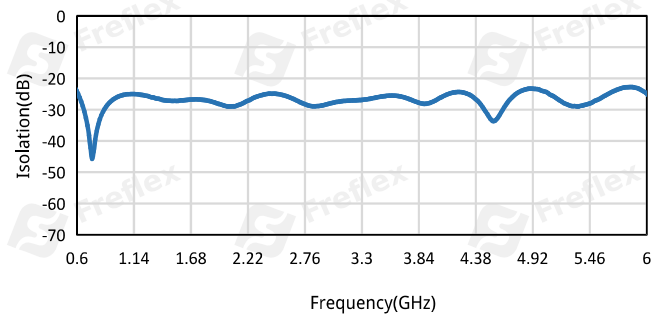


2-Way Power Dividers/Combiners

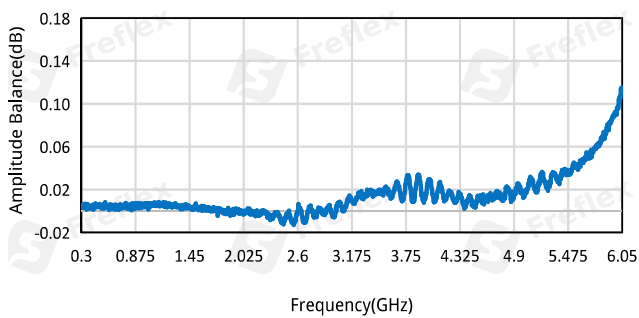
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

