

FPD2-950-2150-30

2-Way, 0.95~2.15GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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



Electrical

Frequency:	0.95~2.15GHz
Insertion Loss:	0.4dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.1dB max.
Phase Balance:	±2°
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 2W max. as combiner

Mechanical

Connectors*1:	SMA Female N Female TNC Female SMP Male
Mounting:	3-Φ2.2mm through-hole 4-Φ3.2mm through-hole

[1] 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

FPD2-950-2150-30-Y

Y: Connector type

Connector naming rules:

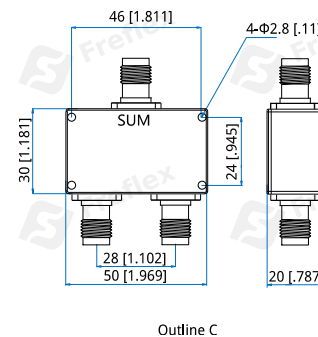
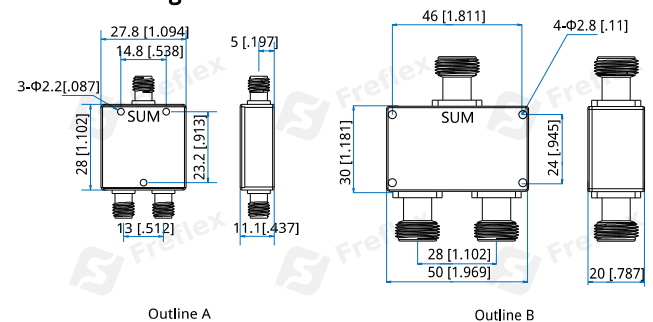
- S - SMA Female (Outline A)
- N - N Female (Outline B)
- T - TNC Female (Outline C)
- P - SMP Male

Examples:

To order a 2-way power divider, 0.95~2.15GHz, 30W, N female,
specify : FPD2-950-2150-30-N.

Customization is available upon request.

Outline Drawings

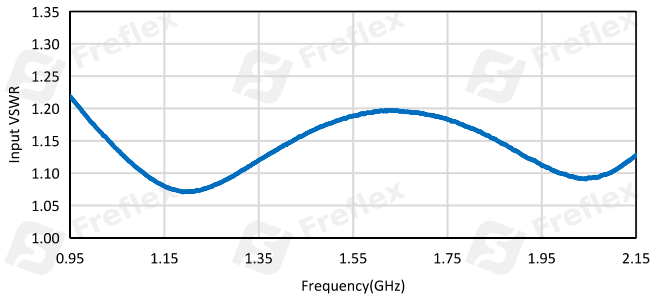


Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

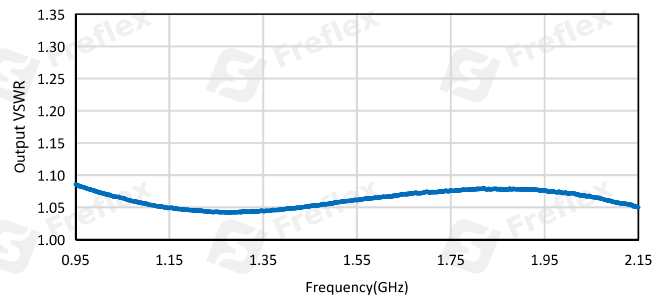
Typical Performance Curves

SMA

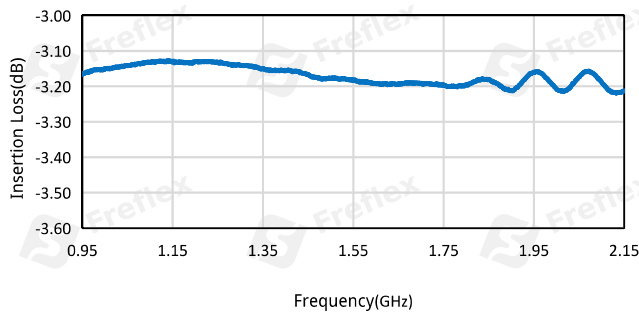
Input VSWR vs. Frequency



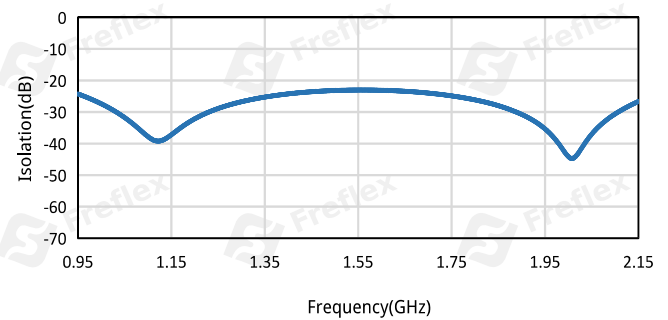
Output VSWR vs. Frequency



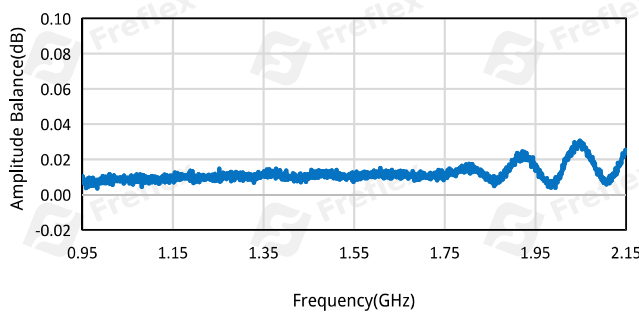
Insertion Loss vs. Frequency



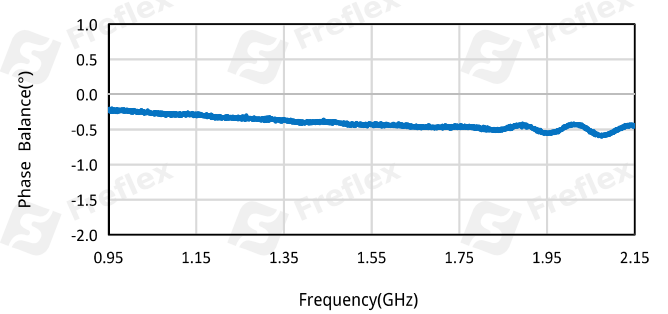
Isolation vs. Frequency



Amplitude Balance vs. Frequency

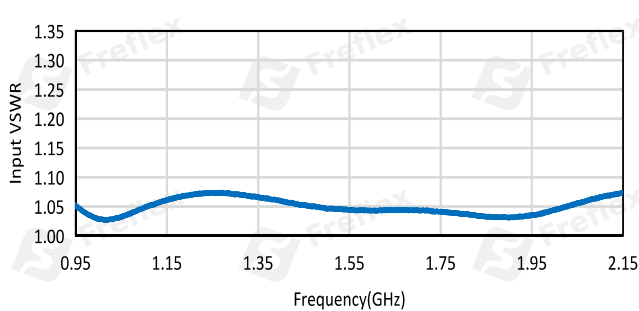


Phase Balance vs. Frequency

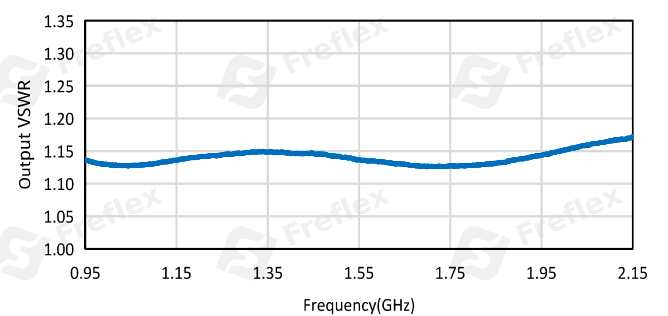


N

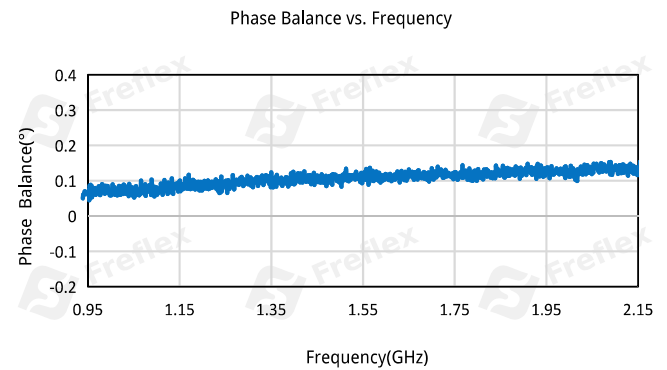
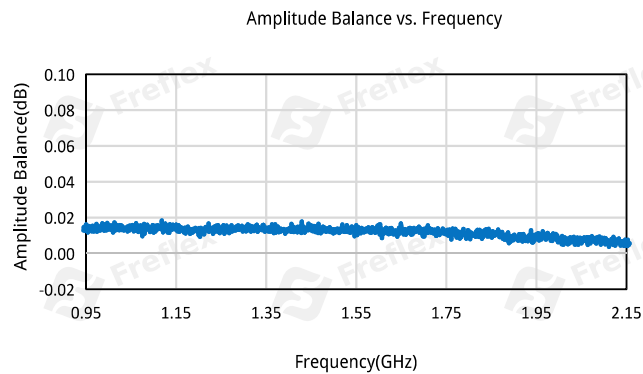
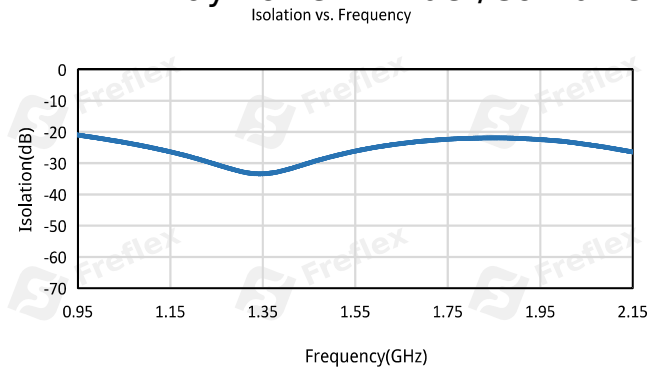
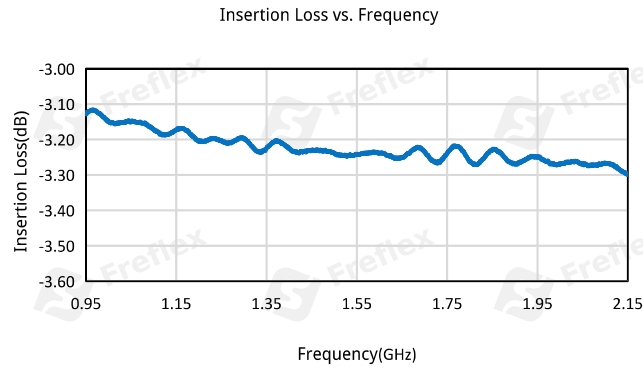
Input VSWR vs. Frequency



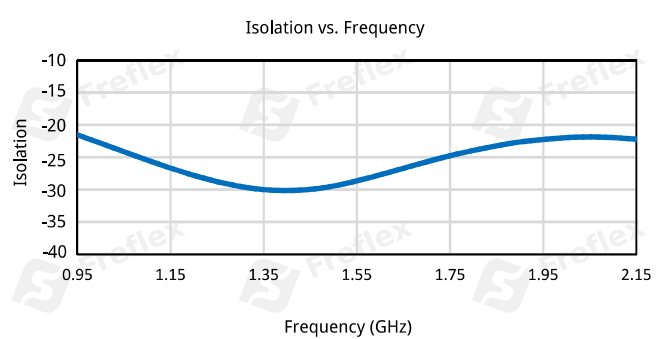
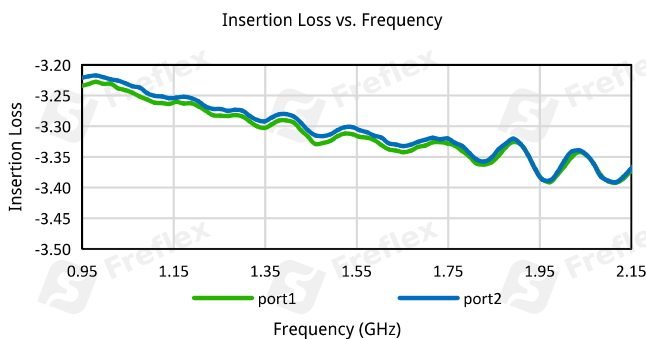
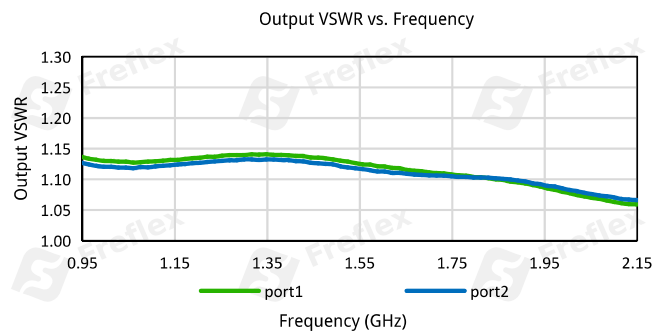
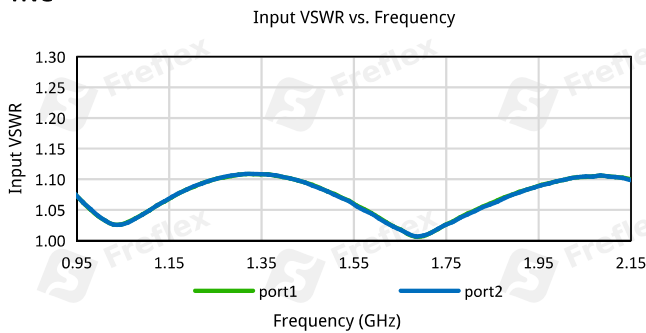
Output VSWR vs. Frequency



2-Way Power Divider/Combiner

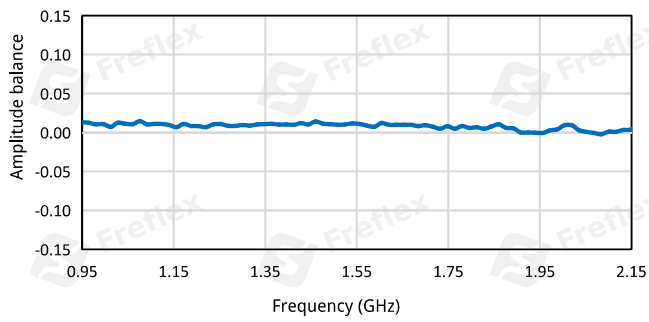


TNC



2-Way Power Divider/Combiner

Amplitude balance vs. Frequency



Phase balance vs. Frequency

