

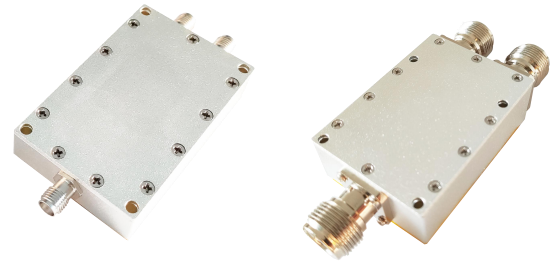


WPD2-400-6000-30

2-Way, 0.4~6GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test



Electrical

| | |
|--------------------|--|
| Frequency: | 0.4~6GHz |
| Insertion Loss: | 1.0dB max. |
| Input VSWR: | 1.3 max. |
| Output VSWR: | 1.25 max. |
| Isolation: | 20dB min. |
| Amplitude Balance: | ±0.2dB max. |
| Phase Balance: | ±2° max. |
| Impedance: | 50Ω |
| Power @SUM Port: | 30W max. as divider 2W max. as combiner |

Mechanical

| | |
|----------------------------|--|
| Size ^{*1} (SMA): | 60*38*12mm 2.362*1.496*0.472in |
| Size ^{*1} (N): | 60*42*20mm 2.362*1.654*0.787in |
| Connectors ^{*2} : | SMA Female N Female TNC Female SMP Male |
| Mounting: | 4-Φ3.2mm through-hole |

[1] Exclude connectors.

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

Environmental

Operation Temperature: -35~+75°C

How To Order

WPD2-400-6000-30-Y

Y: Connector type

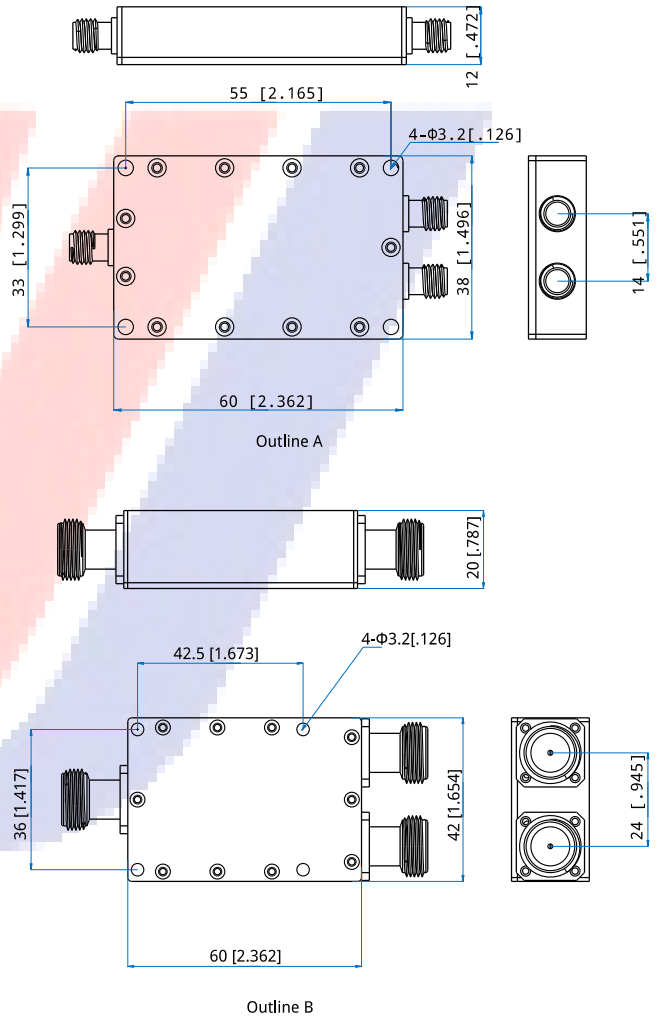
Connector naming rules:
S - SMA Female (Outline A)
N - N Female (Outline B)
T - TNC Female
P - SMP Male

Examples:

To order a 2-way power divider, 0.4~6GHz, 30W, N female, specify WPD2-400-6000-30-N.

Customization is available upon request.

Outline Drawings



Unit: mm [in]

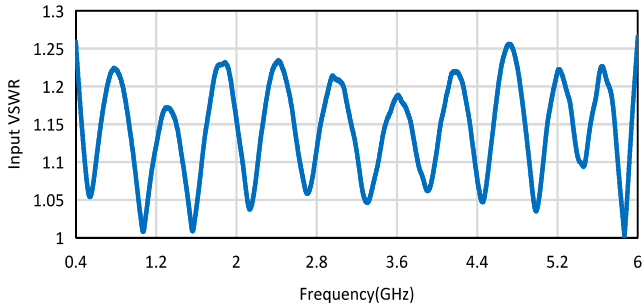
Tolerance: ±0.5mm [±0.02in]



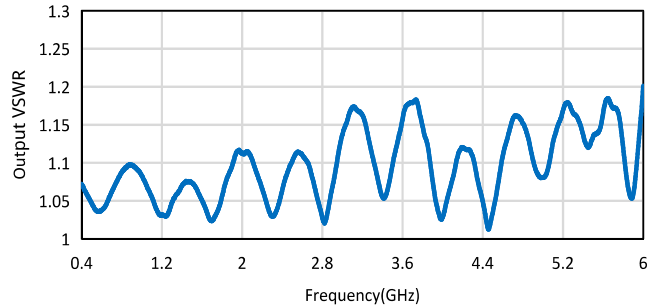
Typical Performance Curves

SMA

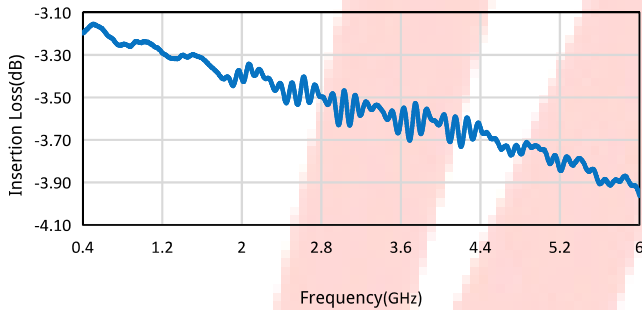
Input VSWR vs. Frequency



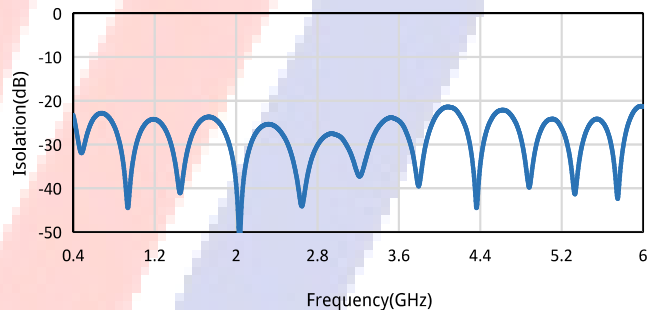
Output VSWR vs. Frequency



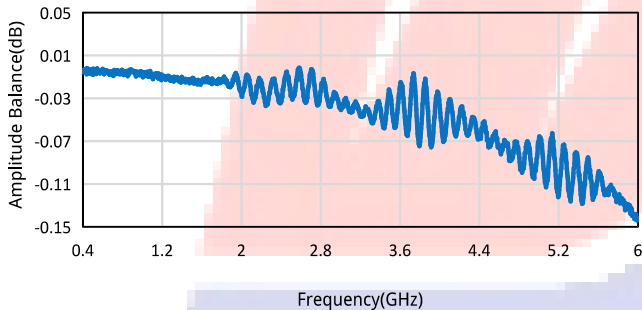
Insertion Loss vs. Frequency



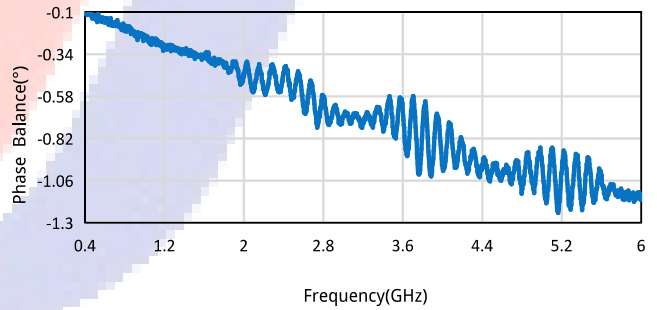
Isolation vs. Frequency



Amplitude Balance vs. Frequency



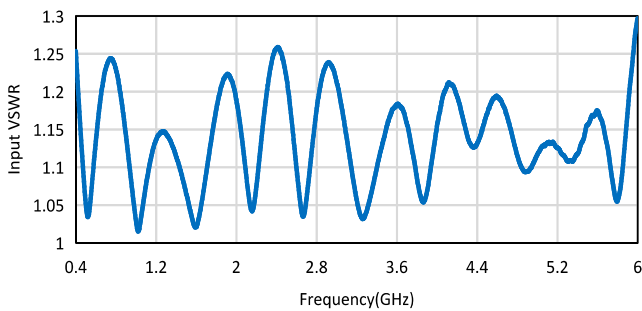
Phase Balance vs. Frequency



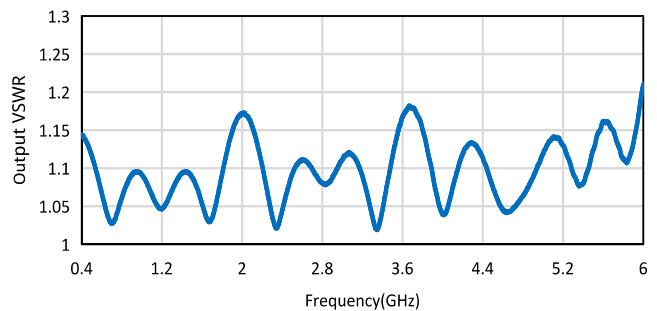
Typical Performance Curves

N

Input VSWR vs. Frequency



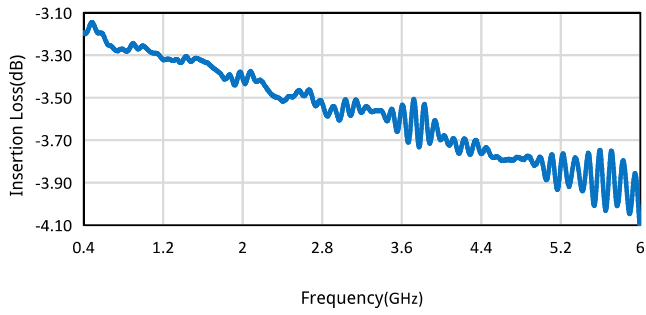
Output VSWR vs. Frequency



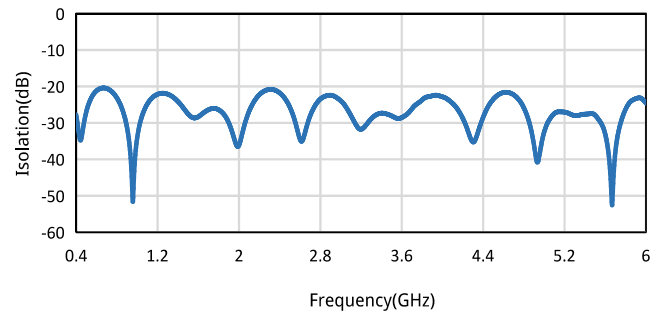


2-Way Power Dividers/Combiners

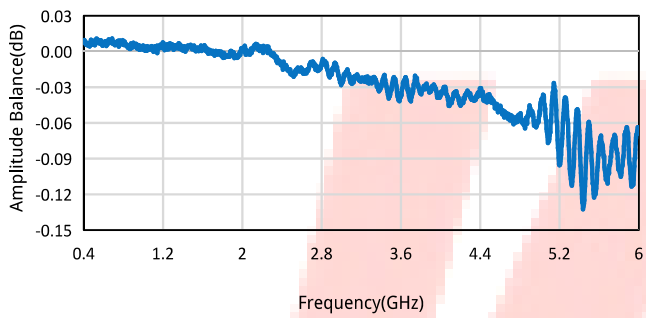
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

