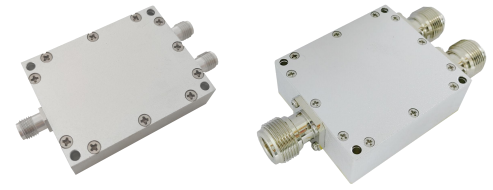




WPD2-500-6000-30

2-Way, 0.5~6GHz



Features:

Applications:

- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.5~6GHz
Insertion Loss:	1.1dB max. (SMA) 1.2dB max. (N)
Input VSWR:	1.25 max.
Output VSWR:	1.25 max.
Isolation:	20dB min.
Amplitude Balance:	±0.1dB max.
Phase Balance:	±1°
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:	4-Φ2.8mm through-hole (SMA)
Mounting:	4-Φ3.2mm through-hole (N)

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

Environmental

Operation Temperature: -35~+75°C

How To Order

WPD2-500-6000-30-Y

Y: Connector type

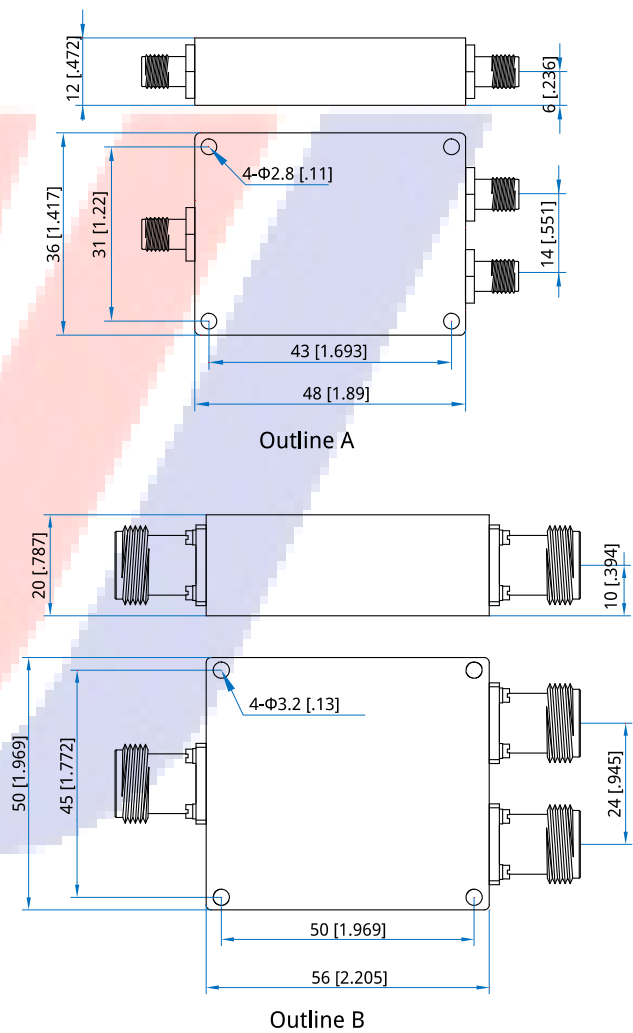
- Connector naming rules:
- S - SMA Female (Outline A)
 - N - N Female (Outline B)
 - T - TNC Female
 - P - SMP Male

Examples:

To order a 2-way power divider, 0.5~6GHz, 30W, N female, specify WPD2-500-6000-30-N.

Customization is available upon request.

Outline Drawings



Unit: mm [in]

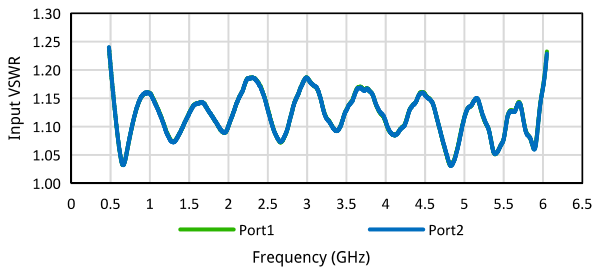
Tolerance: ±0.5mm [±0.02in]



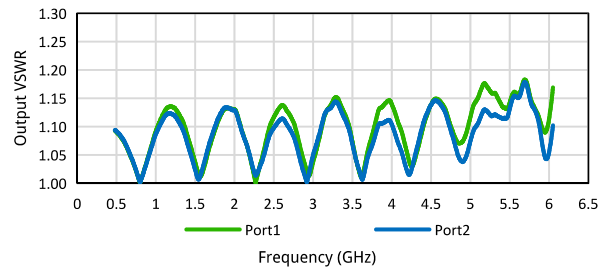
Typical Performance Curves

SMA

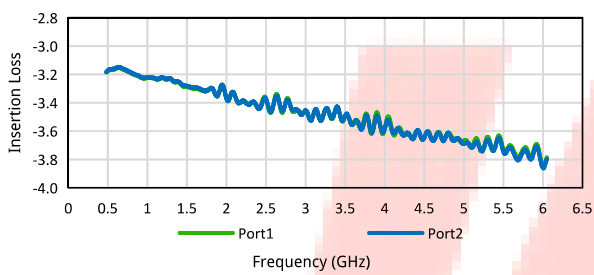
Input VSWR vs. Frequency



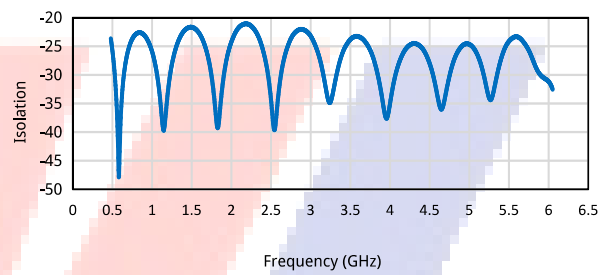
Output VSWR vs. Frequency



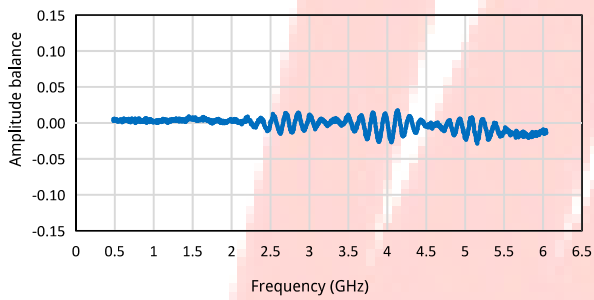
Insertion Loss vs. Frequency



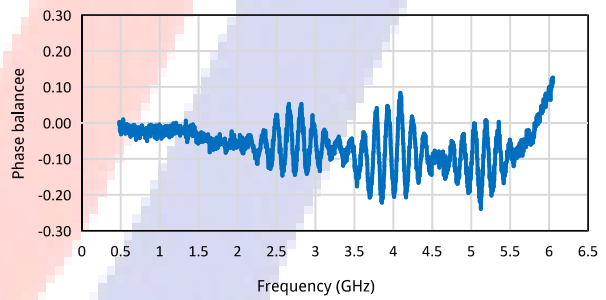
Isolation vs. Frequency



Amplitude balance vs. Frequency

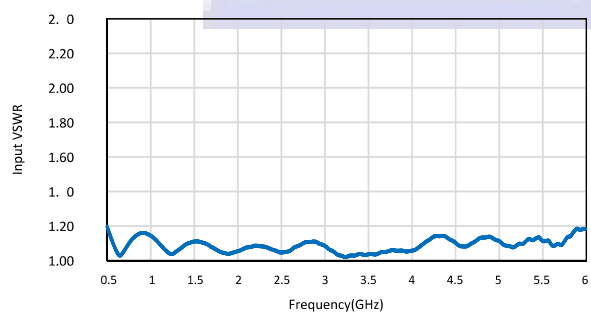


Phase balance vs. Frequency

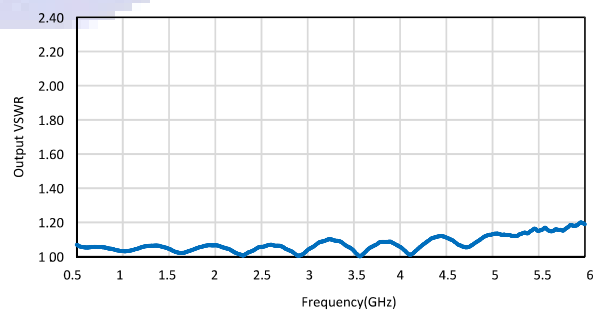


N

Input VSWR vs. Frequency



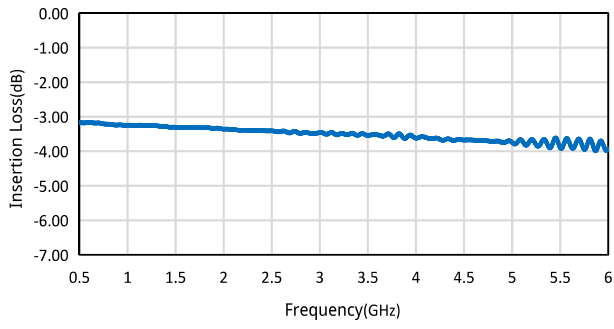
Output VSWR vs. Frequency



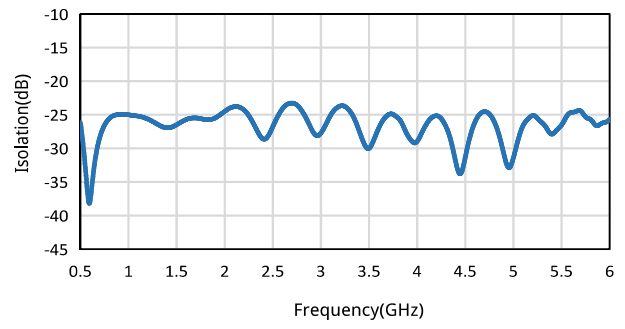


2-Way Power Dividers/Combiners

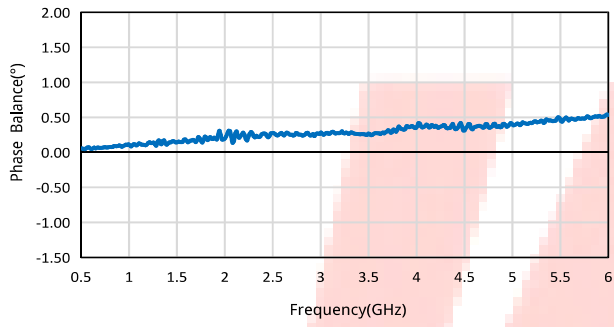
Insertion Loss vs. Frequency



Isolation vs. Frequency



Phase Balance vs. Frequency



Amplitude Balance vs. Frequency

