



WPD2-0-10000-2-S

2-Way, DC~10GHz



Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency:	DC~10GHz
Insertion Loss:	1.2dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	5.9dB min.
Amplitude Balance:	±0.6dB max.
Phase Balance:	±2°
Impedance:	50Ω
Average Power:	2W

Mechanical

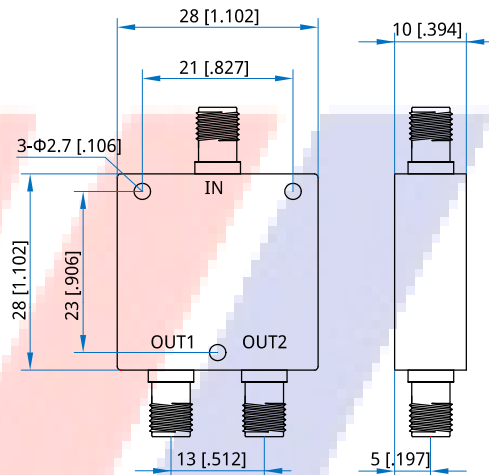
Size ^{*1} :	28*28*10mm 1.102*1.102*0.394in
Connectors ^{*2} :	SMA Female
Mounting:	3-Φ2.7mm through-hole

[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

Outline Drawings



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

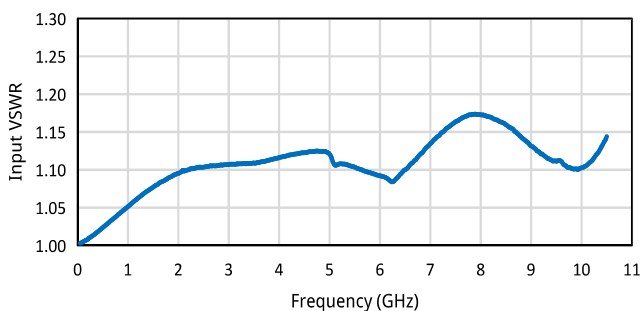
How To Order

WPD2-0-10000-2-S

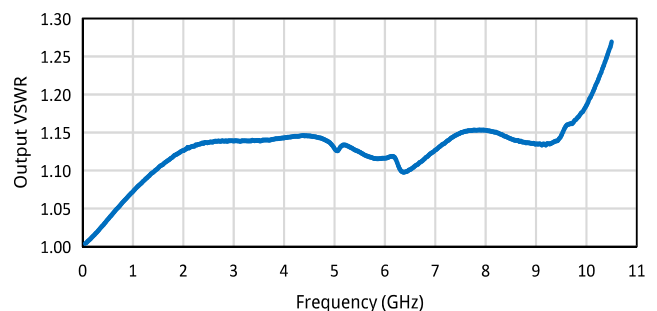
Customization is available upon request.

Typical Performance Curves

Input VSWR vs. Frequency



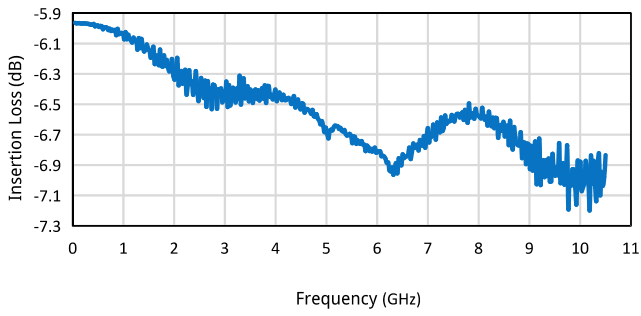
Output VSWR vs. Frequency



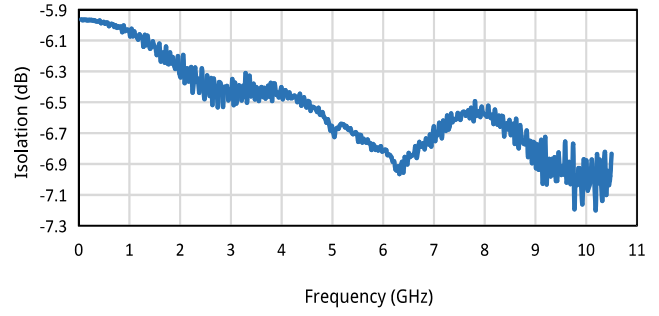


2-Way Resistor Power Divider

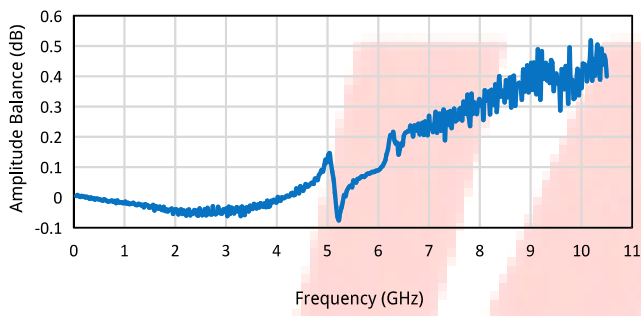
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

