

QPD2-1000-2000

2-Way, 1~2GHz

Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test

Electrical

Frequency:	1~2GHz
Insertion Loss:	0.4dB max. (SMA) 0.35dB max. (N)
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	±2°
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

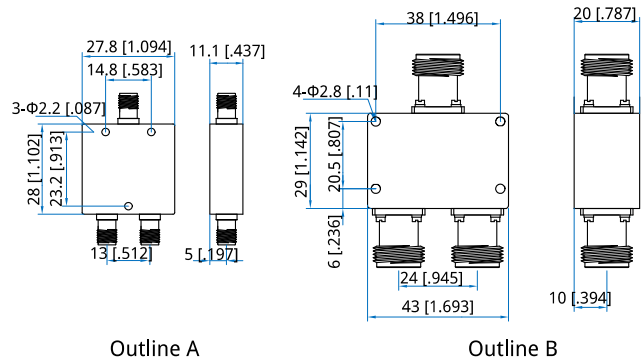
Mechanical

Mounting:	4-Φ2.2mm through-hole (SMA)
Mounting:	4-Φ2.8mm through-hole (N)

Environmental

Operation Temperature:	-45~+85°C
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Outline Drawings



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

How To Order

QPD2-1000-2000-X-Y

X: Average power as divider
 Y: Connector type

Connector naming rules:
 S - SMA Female (Outline A)
 N - N Female (Outline B)

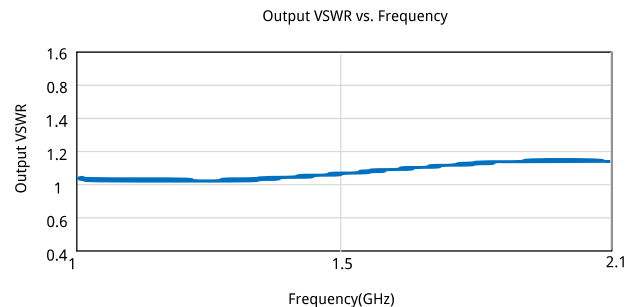
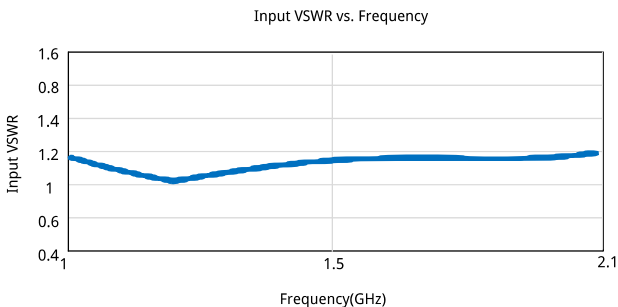
Examples:

To order a 2-way power divider, 1~2GHz, 30W, N female, specify QPD2-1000-2000-30-N.

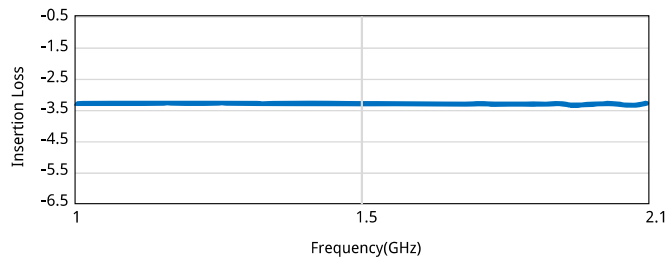
Customization is available upon request.

Typical Performance Curves

SMA



Insertion Loss vs. Frequency



2-Way Power Dividers/Combiners

Isolation vs. Frequency

