

QPD8-500-6000-30

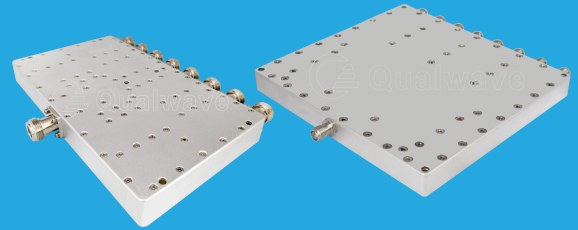
8-Way, 0.5~6GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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



Electrical

Frequency:	0.5~6GHz
Insertion Loss ^{*1} :	2.8dB max.
Input VSWR:	1.45 max.
Output VSWR:	1.3 max.
Isolation:	20dB min.
Amplitude Balance:	±0.2dB
Phase Balance:	±6°
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 2W max. as combiner

[1] Excluding theoretical loss 9dB.

Mechanical

Mounting:	4-Φ3.2mm through-hole (SMA) 4-Φ4.2mm through-hole (N)
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Environmental

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+100°C

How To Order

QPD8-500-6000-30-Y

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

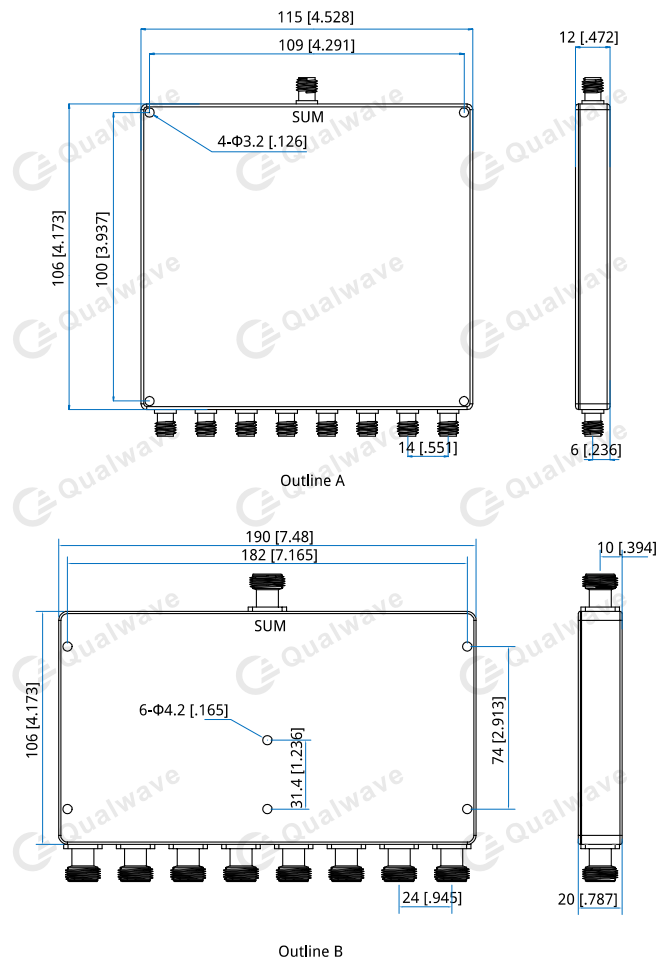
N - N Female (Outline B)

Examples:

To order a 8-way power divider, 0.5~6GHz, 30W, N female, specify QPD8-500-6000-30-N.

Customization is available upon request.

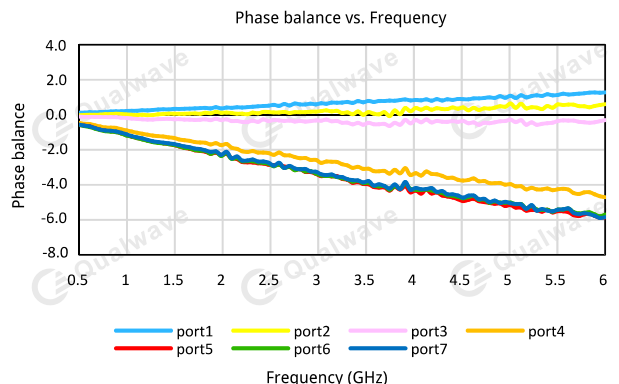
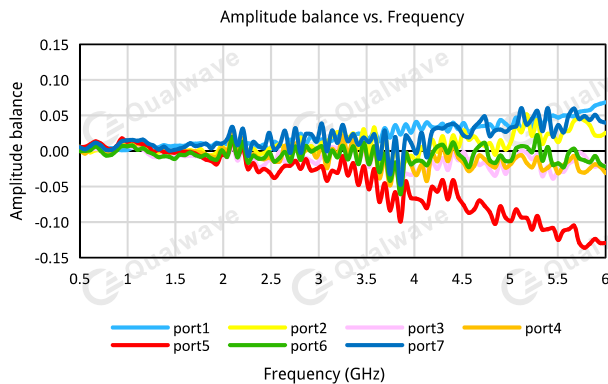
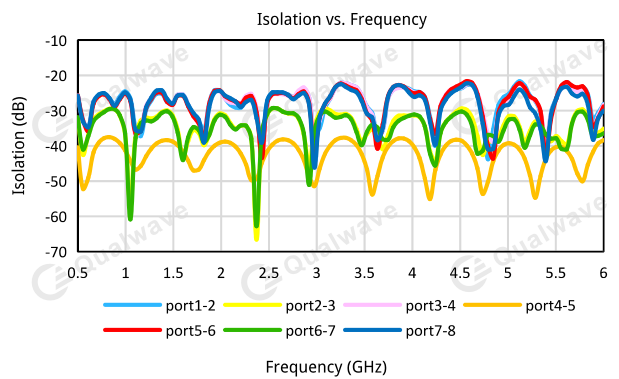
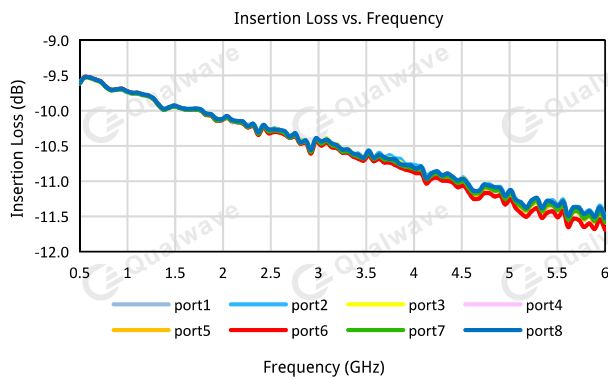
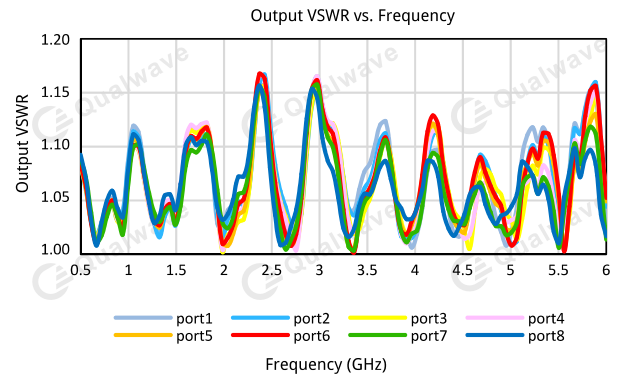
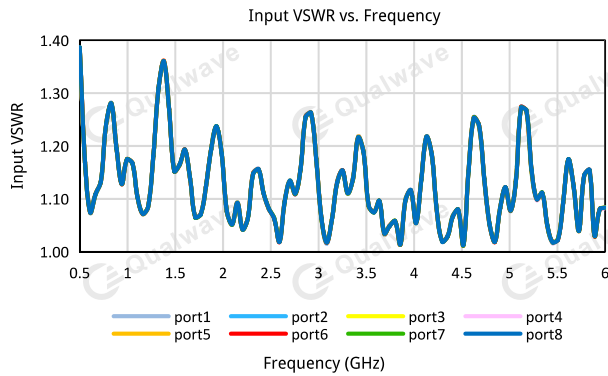
Outline Drawings



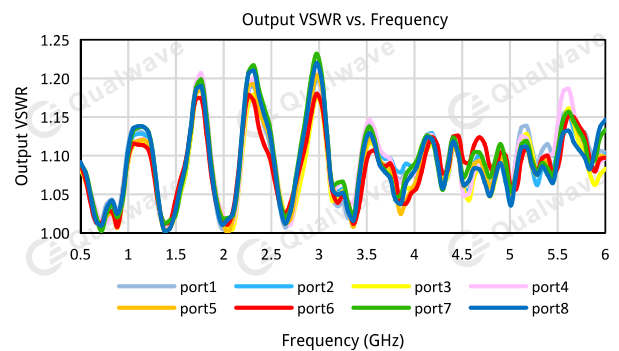
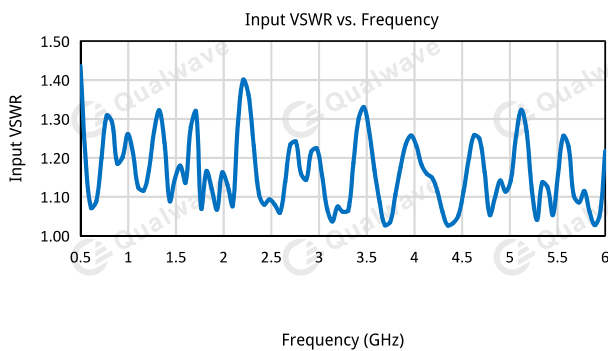
Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Typical Performance Curves SMA



N



8-Way Power Dividers/Combiners

