



QPD8-400-6000-30-S

8-Way, 0.4~6GHz

Features:

* Small Size

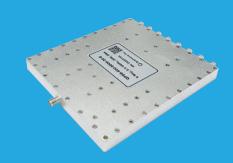
* Low Insertion Loss

Applications:

* Amplifiers

* Mixers ^k Antennas

* Laboratory Test



Electrical

Frequency: 0.4~6GHz Insertion Loss*1: 3.6dB max. Input VSWR: 1.35 max. Output VSWR: 1.25 max. 20dB min.

Isolation: Amplitude Balance: ±0.4dB Phase Balance: ±5° Impedance: 50Ω

Power @SUM Port: 30W max. as divider

2W max. as combiner

[1] Excluding theoretical loss 9.0dB.

Mechanical

Size*2: 134*120*12mm

5.433*4.724*0.472in

Connectors: **SMA Female**

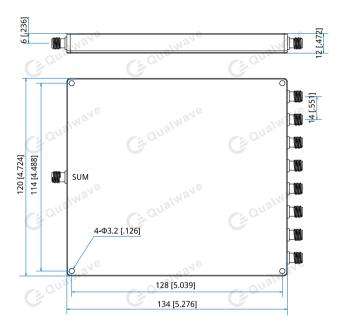
Mounting: 4-Φ3.2mm through-hole

[2] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

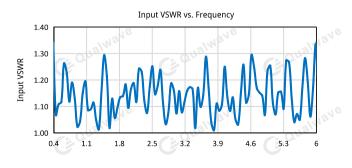
Tolerance: ±0.5mm [±0.02in]

How To Order

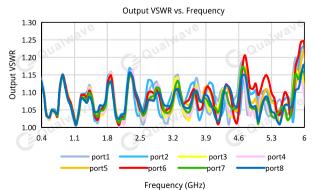
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Customization is available upon request.

Typical Performance Curves



Frequency (GHz)



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Rev 1.3



port2-1

port6-1

port3-1 port7-1

Frequency (GHz)

port4-1

port8-1

port5-1

8-Way Power Divider/Combiner

port3-4

2.5

3.2

Frequency (GHz)

port3-1

port7-1

3.9

port4-1 port8-1

1.8

port2-1

port6-1

0.4

1.1

5.3

5.3

port5-1

Rev 1.3

port4-5

