

QPD2-2000-8000

2-Way, 2~8GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Electrical

| | |
|--------------------|------------------------------------|
| Frequency: | 2~8GHz |
| Insertion Loss: | 0.6dB max. (SMA) 0.8dB max. (N) |
| Input VSWR: | 1.3 max. |
| Output VSWR: | 1.2 max. |
| Isolation: | 20dB min. (SMA) 18dB min. (N) |
| Amplitude Balance: | 0.2dB max. (SMA) ±0.2dB (N) |
| Phase Balance: | ±3° |
| Impedance: | 50Ω |
| Average Power: | 30W max. 2W max. as combiner |

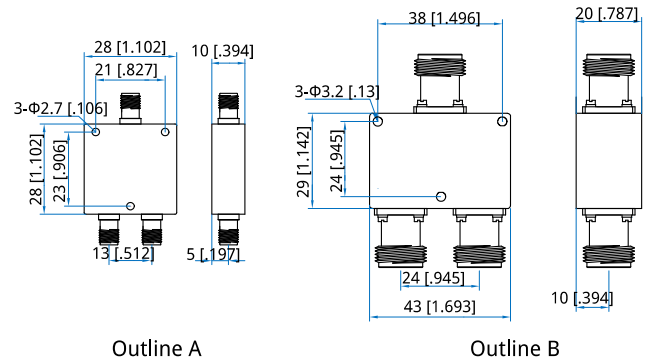
Mechanical

| | |
|-----------|--|
| Mounting: | 3-Φ2.7mm through-hole (SMA) 3-Φ3.2mm through-hole (N) |
|-----------|--|

Environmental

| | |
|------------------------|-----------|
| Operation Temperature: | -45~+85°C |
|------------------------|-----------|

Outline Drawings



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

How To Order

QPD2-2000-8000-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, 2~8GHz, 30W, N female, specify QPD2-2000-8000-30-N.

Customization is available upon request.