

## QPD2-2-2000-2

### 2-Way, 0.002~2GHz

Features:  
 \* Small Size  
 \* Low Insertion Loss

Applications:  
 \* Amplifiers  
 \* Mixers  
 \* Antennas  
 \* Laboratory Test



### Electrical

Frequency:	0.002~2GHz
Insertion Loss*1:	1.5dB typ.
Input VSWR:	1.3 max.
Output VSWR:	1.4 max.
Isolation:	20dB min.
Amplitude Balance:	±0.5dB typ.
Phase Balance:	±3° typ.
Impedance:	50Ω
Power @SUM Port:	2W max. as divider 2W max. as combiner

[1] Excluding theoretical loss 3dB.

### Mechanical

Connectors:	SMA Female, N Female, TNC Female
Mounting:	2-Φ2.8mm through-hole (SMA) 4-Φ2.2mm through-hole (N)

### Environmental

Operation Temperature:	-45~+85°C
Non-operating Temperature:	-55~+125°C

### How To Order

#### QPD2-2-2000-2-X

X: Connector type

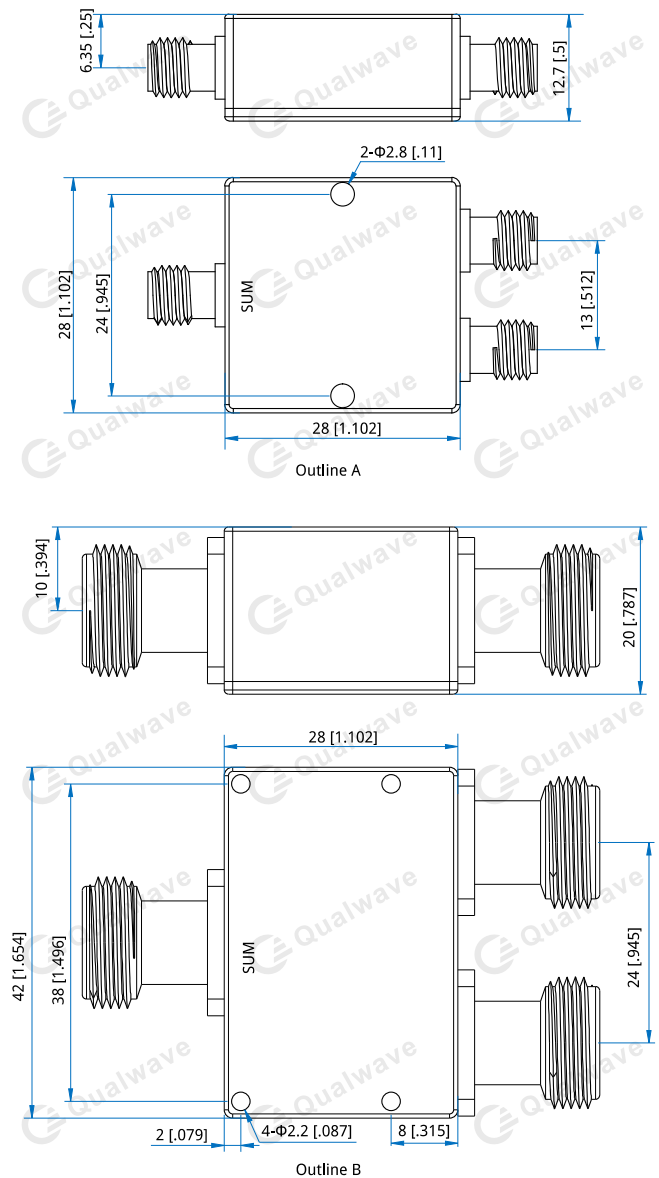
Connector naming rules:  
 S - SMA Female (Outline A)  
 N - N Female (Outline B)  
 T - TNC Female (Outline B)

#### Examples:

To order a 2-way power divider, 0.002~2GHz, 2W, N female, specify QPD2-2-2000-2-N.

Customization is available upon request.

### Outline Drawings



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

### Typical Performance Curves

