

QPD2-500-18000-30

2-Way, 0.5~18GHz

Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test

Electrical

Frequency:	0.5~18GHz
Insertion Loss ^{*1} :	1.2dB max. (Outline A) 1.5dB max.
Input VSWR:	1.5 max. (Outline A) 1.6 max.
Output VSWR:	1.5 max.
Isolation:	16dB min.
Amplitude Balance:	±0.3dB max.
Phase Balance:	±4° max.
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 1W max. as combiner

[1] Excluding theoretical loss 3dB.

Mechanical

Connectors: N Female, SMA Female

How To Order

QPD2-500-18000-30-Y

Y: Connector type

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

Examples:

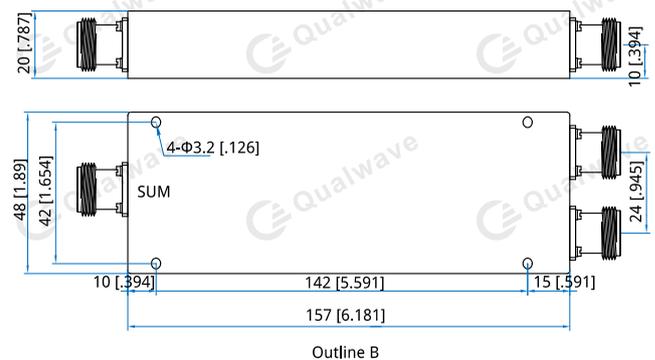
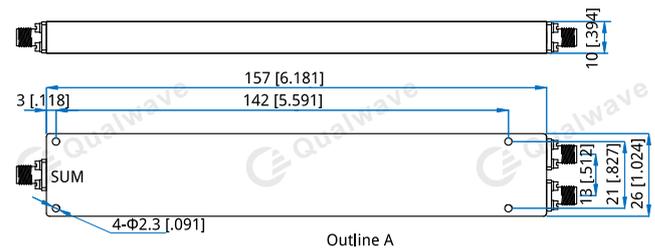
To order a 2-way power divider, 0.5~18GHz, 30W, N female, specify QPD2-500-18000-30-N.

Customization is available upon request.

Environmental

Operation Temperature: -40~+80°C (Outline A)
 -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]