

QPD3-500-6000-30

3-Way, 0.5~6GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	0.5~6GHz
Insertion Loss:	2.6dB max. (SMA) 2.8dB max. (N)
Input VSWR:	1.5 max.
Output VSWR:	1.4 max.
Isolation:	20dB min. (SMA) 18dB min. (N)
Amplitude Balance:	0.8dB max.
Phase Balance:	$\pm 8^\circ$
Impedance:	50 Ω
Power @SUM Port:	30W max. as divider 2W max. as combiner

Mechanical

Mounting:	4- Φ 2.8mm through-hole (SMA) 4- Φ 3.2mm through-hole (N)
-----------	--

Environmental

Operation Temperature:	-35~+75°C
------------------------	-----------

How To Order

QPD3-500-6000-30-Y

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

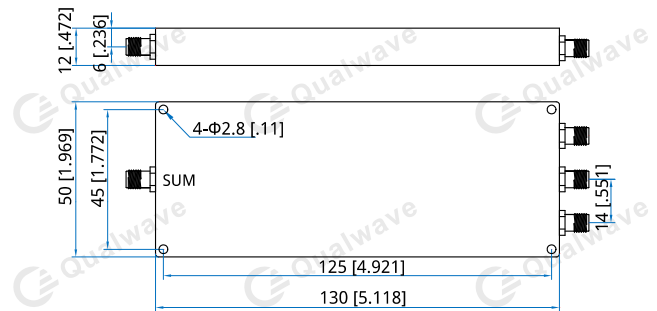
N - N Female (Outline B)

Examples:

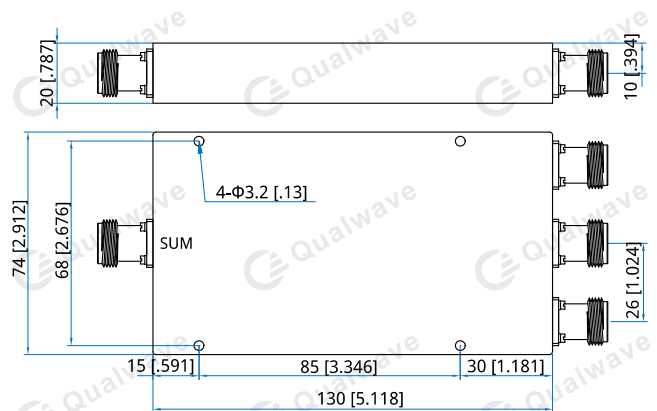
To order a 3-way power divider, 0.5~6GHz, 30W, N female, specify QPD3-500-6000-30-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]