

QPD8-5-1000-1

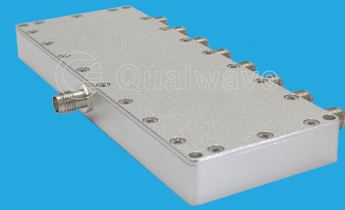
8-Way, 5MHz~1GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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



Electrical

Frequency:	5MHz~1GHz
Insertion Loss*1:	2.0dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.35 max.
Isolation:	18dB min.
Amplitude Balance:	±0.5dB typ.
Phase Balance:	±5° typ.
Impedance:	50Ω
Power @SUM Port:	1W max. as divider 1W max. as combiner

[1] Excluding theoretical loss 9dB.

Mechanical

Connectors:	SMA Female N Female TNC Female
Mounting:	4-Φ3.2mm through-hole 5-Φ2.8mm through-hole

How To Order

QPD8-5-1000-1-Y

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

N - N Female (Outline B)

T - TNC Female (Outline B)

Examples:

To order a 8-way power divider, 5MHz~1GHz, 1W, SMA female, specify QPD8-5-1000-1-S.

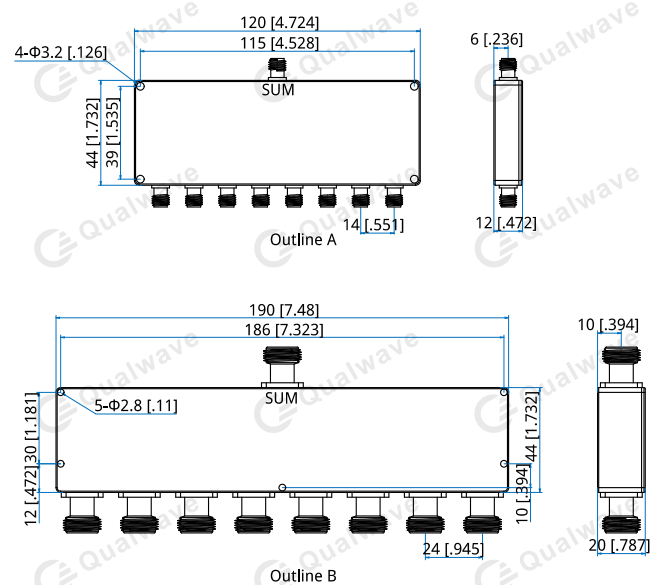
Customization is available upon request.

Environmental

Operating Temperature: -45~+85°C

Non-operating Temperature: -55~+100°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

8-Way Power Divider/Combiner

Typical Performance Curves

SMA

