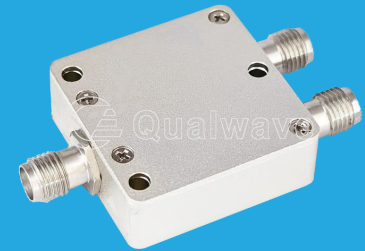


QPD2-7000-9000-30

2-Way, 7~9GHz

Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test



Electrical

Frequency:	7~9GHz
Insertion Loss ^{*1} :	0.4dB max. (SMA) 0.5dB max. (N)
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.1dB
Phase Balance:	±2°
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 2W max. as combiner

[1] Excluding theoretical loss 3dB.

Mechanical

Connectors ^{*2} :	SMA Female N Female
Mounting:	3-Φ2.8mm through-hole 4-Φ3.2mm through-hole

[2] Female connectors can be replaced with male connectors on request.

Environmental

Operation Temperature: -45~+85°C

How To Order

QPD2-7000-9000-30-Y

Y: Connector type

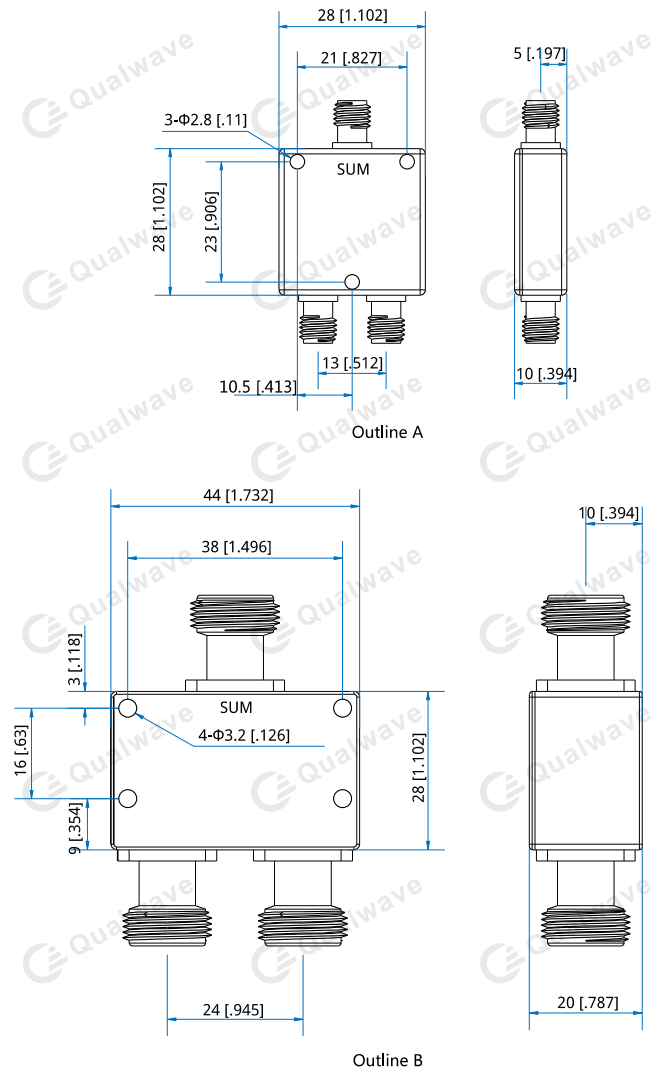
Connector naming rules:
 S - SMA Female (Outline A)
 N - N Female (Outline B)

Examples:

To order a 2-way power divider, 7~9GHz, 30W, SMA female, specify QPD2-7000-9000-30-S.

Customization is available upon request.

Outline Drawings



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

Typical Performance Curves SMA

