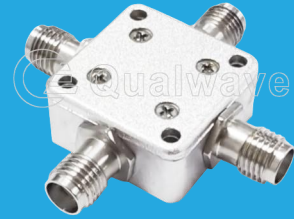


QPD3-0-8000-2

3-Way, DC~8GHz

Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test



Electrical

Frequency:	DC~8GHz
Insertion Loss:	11dB max.
VSWR:	1.8 max.
Isolation:	9dB min.
Amplitude Balance:	±0.8dB
Phase Balance:	12°
Impedance:	50Ω
Power @SUM Port:	2W max. as divider

Mechanical

Connectors:	SMA Female N Female
Mounting:	4-Φ2.2mm through-hole

How To Order

QPD3-0-8000-2-Y

Y: Connector type

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

Examples:

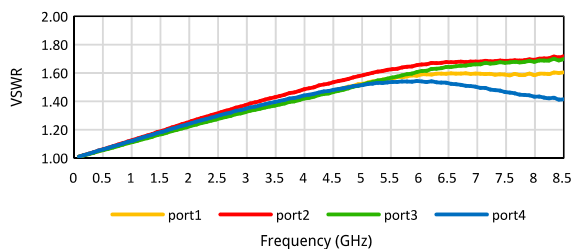
To order a 3-way resistive power divider, 0~8GHz, 2W, SMA female, specify QPD2-0-8000-2-S.

Customization is available upon request.

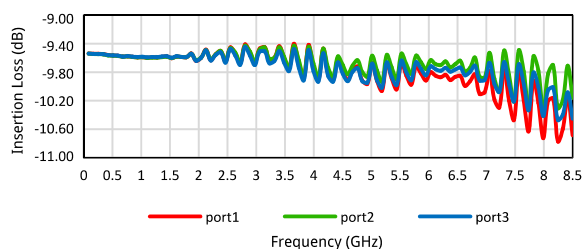
Typical Performance Curves

SMA

VSWR vs. Frequency



Insertion Loss vs. Frequency

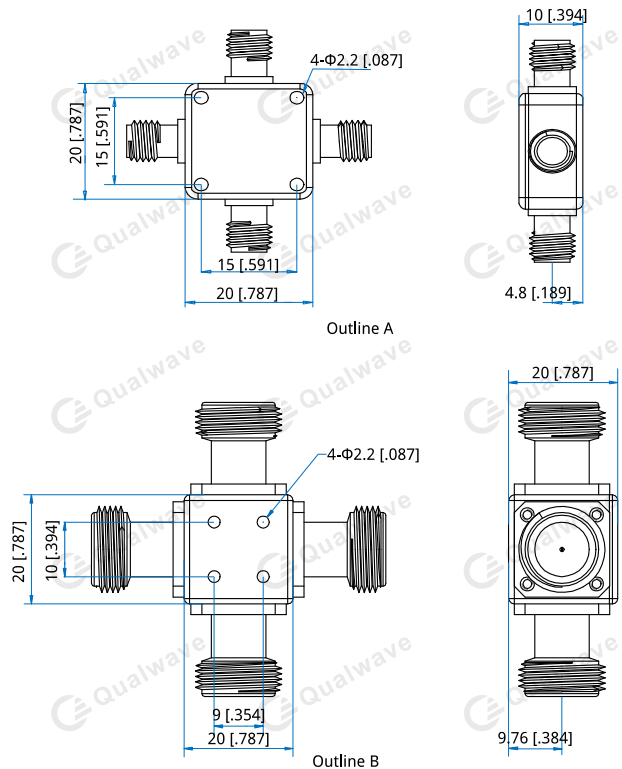


Unit: mm [in]
 Tolerance: ±0.5mm [±0.02in]

Environmental

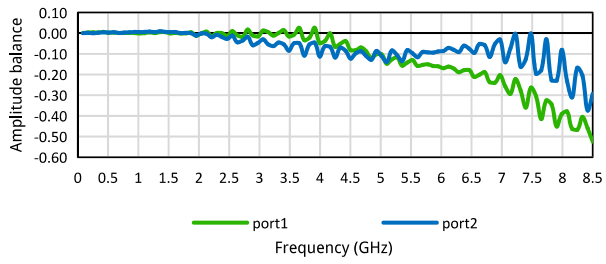
Operation Temperature: -35~+75°C

Outline Drawings



3-Way Resistive Power Divider

Amplitude balance vs. Frequency



Phase balance vs. Frequency

