

QPD2-1-700-1

2-Way, 1~700MHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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



Electrical

Frequency:	1~700MHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.25dB
Phase Balance:	±1°
Impedance:	50Ω
Power @SUM Port:	1W max. as divider 0.5W max. as combiner

Mechanical

Connectors ^{*1} :	SMA Female
	N Female
	TNC Female
	SMP Male

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

Environmental

Operating Temperature:	-35~+75°C
Non-operating Temperature:-	-45~+85°C

How To Order

QPD2-1-700-1-Y

Y: Connector type

Connector naming rules:

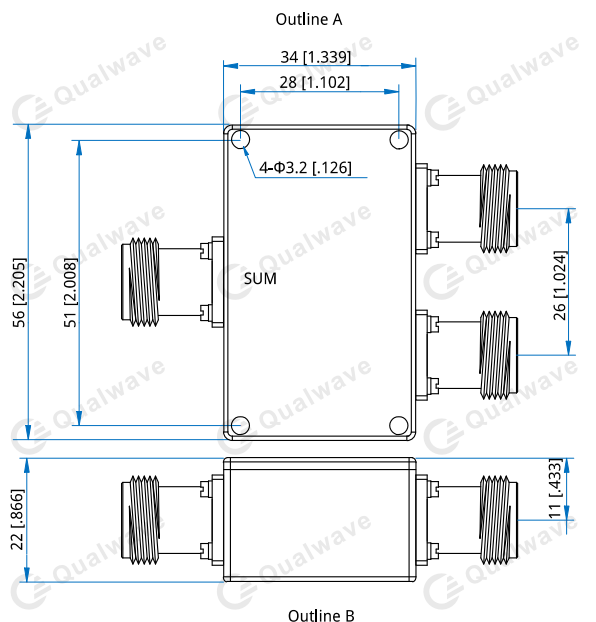
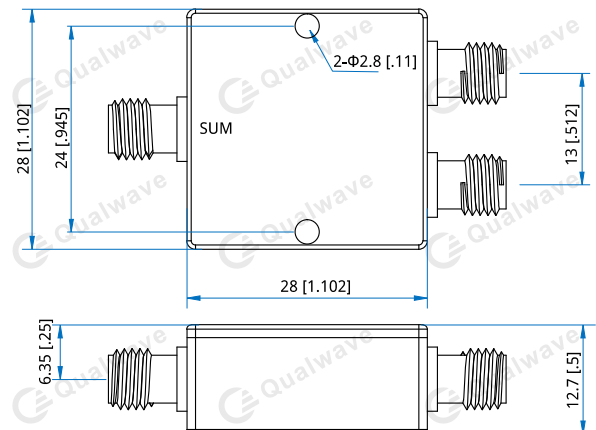
- S - SMA Female (Outline A)
- N - N Female (Outline B)
- T - TNC Female
- P - SMP Male

Examples:

To order a 2-way power divider, 0.001~0.7GHz, 1W, N female, specify QPD2-1-700-1-N.

Customization is available upon request.

Outline Drawings



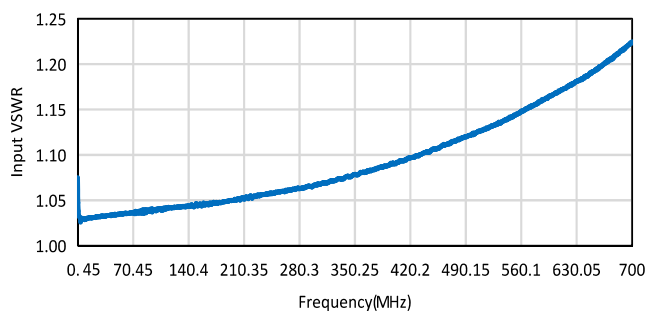
Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

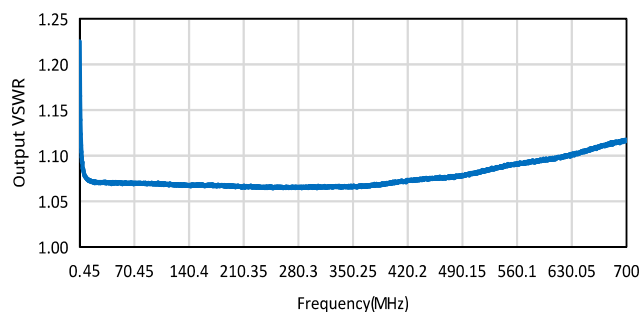
Typical Performance Curves

SMA

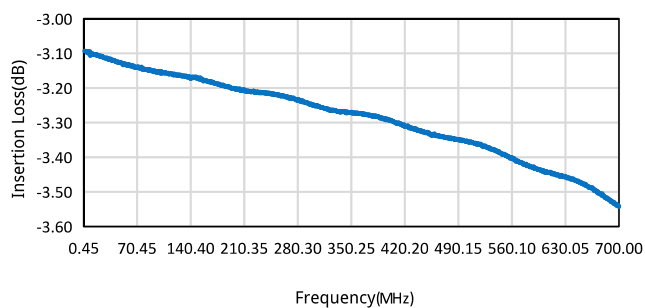
Input VSWR vs. Frequency



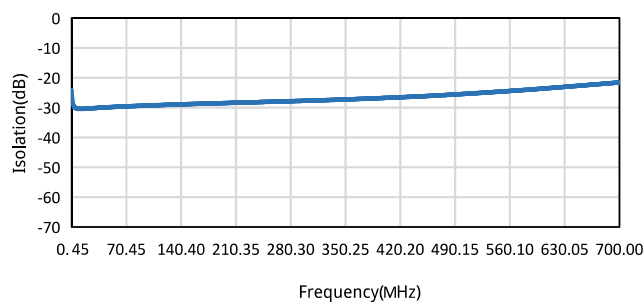
Output VSWR vs. Frequency



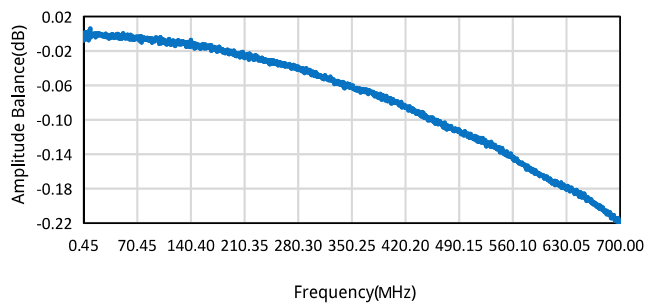
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

