

QPD2-12000-18000-20-S

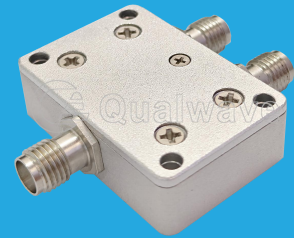
2-Way, 12~18GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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



Electrical

Frequency:	12~18GHz
Insertion Loss ^{*1} :	0.6dB typ.
Input VSWR:	1.5 max.
Output VSWR:	1.4 max.
Isolation:	18dB min.
Amplitude Balance:	±0.3dB
Phase Balance:	±5°
Impedance:	50Ω
Power @SUM Port:	20W max. as divider 1W max. as combiner

[1] Excluding theoretical loss 3dB.

Mechanical

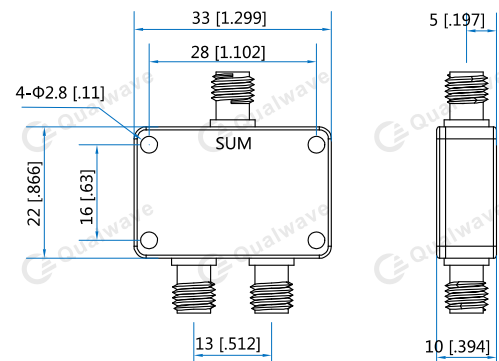
Size ^{*2} :	33*22*10mm 1.299*0.866*0.394in
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[2] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

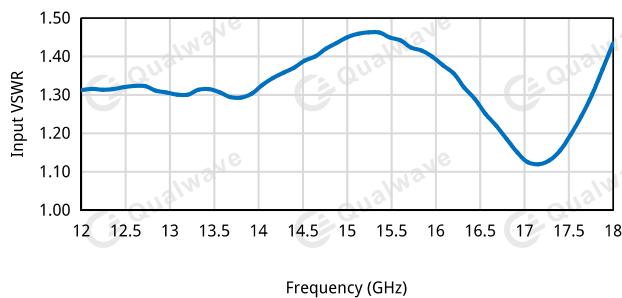
How To Order

QPD2-12000-18000-20-S

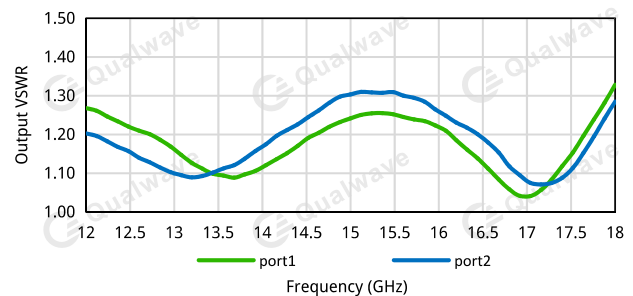
Customization is available upon request.

Typical Performance Curves

Input VSWR vs. Frequency

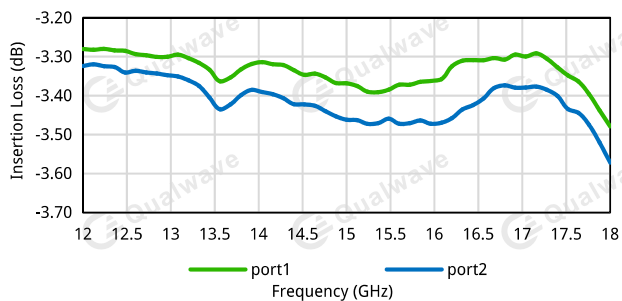


Output VSWR vs. Frequency

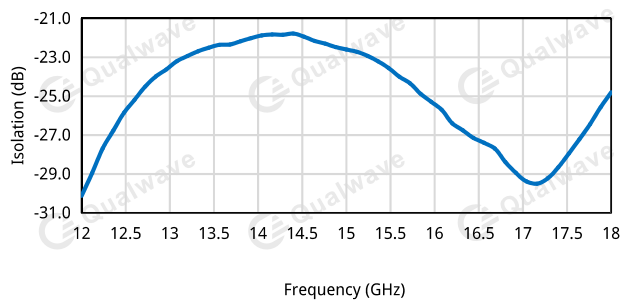


2-Way Power Dividers/Combiners

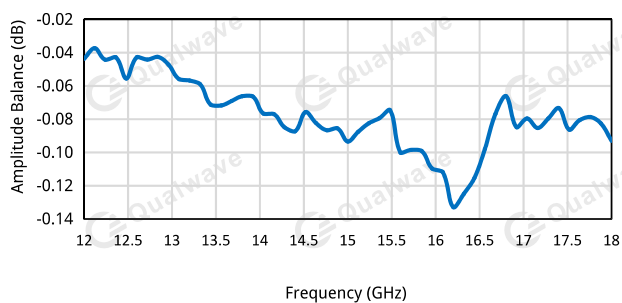
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

