

QPD2-2000-18000-20-S

2-Way, 2~18GHz

Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test



Electrical

Frequency:	2~18GHz
Insertion Loss ^{*1} :	1dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	±0.3dB
Phase Balance:	±4°
Impedance:	50Ω
Power @SUM Port:	20W max. as divider 1W max. as combiner

[1] Excluding theoretical loss 3dB.

Mechanical

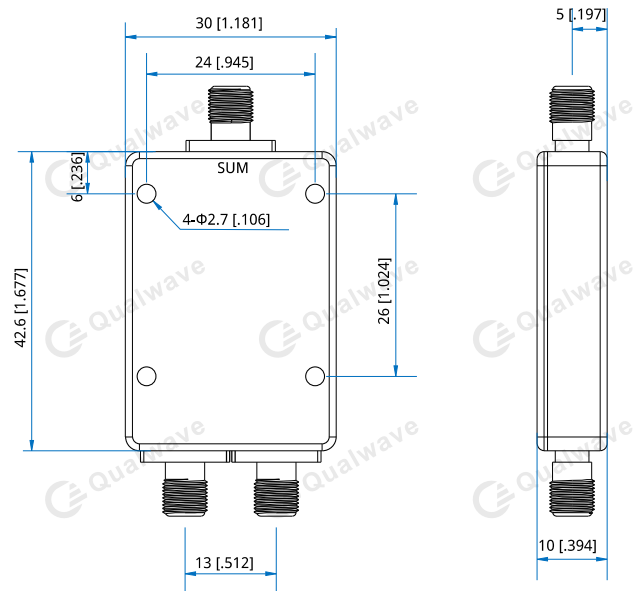
Size ^{*2} :	42.6*30*10mm 1.677*1.181*0.394in
RF Connectors:	SMA Female
Mounting:	4-Φ2.7mm through-hole

[2] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



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

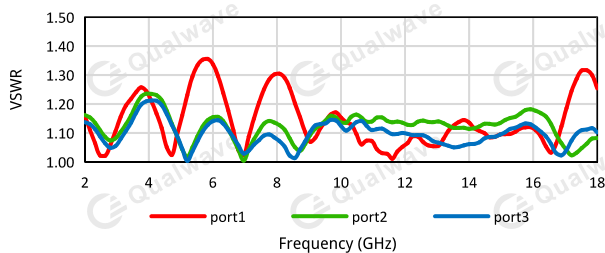
How To Order

QPD2-2000-18000-20-S

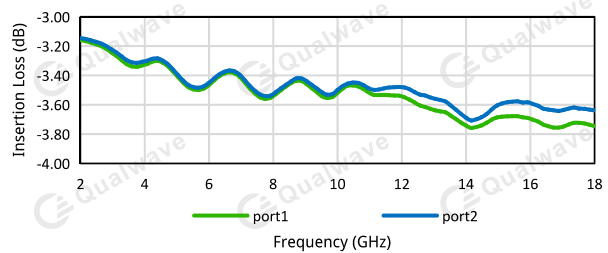
Customization is available upon request.

Typical Performance Curves

VSWR vs. Frequency

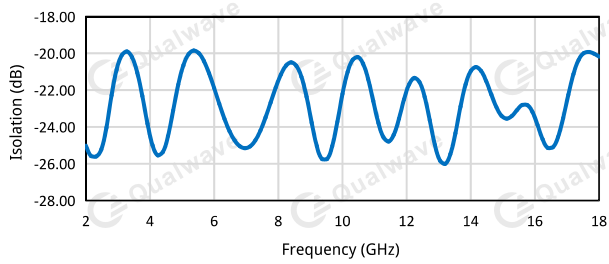


Insertion Loss vs. Frequency

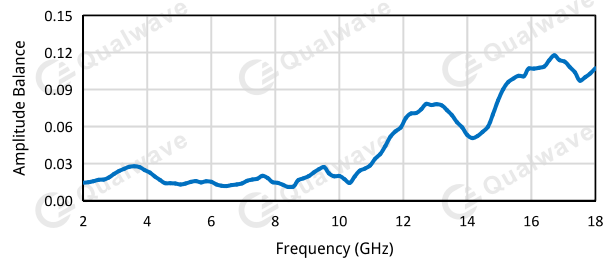


2-Way Power Divider/Combiner

Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

