

QPD4-0-40000-2-K

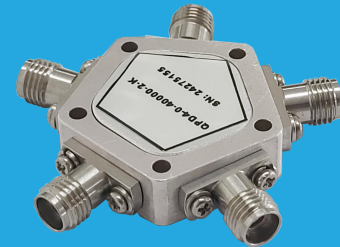
4-Way, DC~40GHz, 2W

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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



Electrical

Frequency:	DC~40GHz
Insertion Loss ^{*1} :	1.5dB typ.
VSWR:	1.8 max.
Isolation:	12dB typ.
Amplitude Balance:	±1.5dB typ.
Phase Balance:	±35° typ.
Impedance:	50Ω
Average Power:	2W

[1] Excluding theoretical loss 12dB.

Mechanical

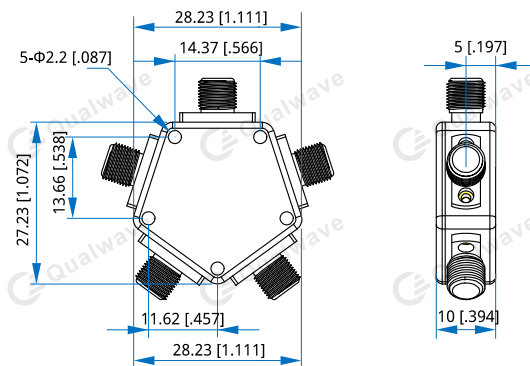
Size ^{*2} :	28.23*27.23*10mm 1.111*1.072*0.394in
Connectors:	2.92mm Female
Mounting:	5-Φ2.2mm through-hole

[2] Exclude connectors.

Environmental

Operation Temperature:	-35~+75°C
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Outline Drawings



Unit: mm [in]

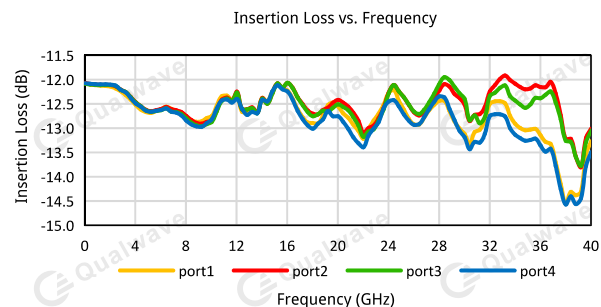
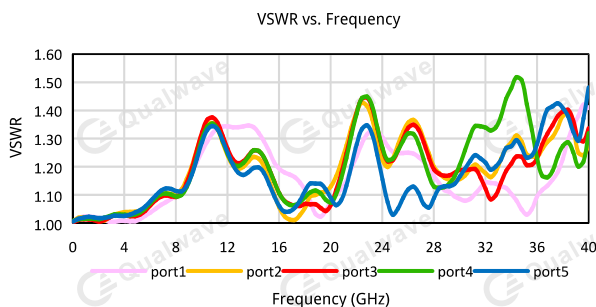
Tolerance: ±0.3mm [±0.012in]

How To Order

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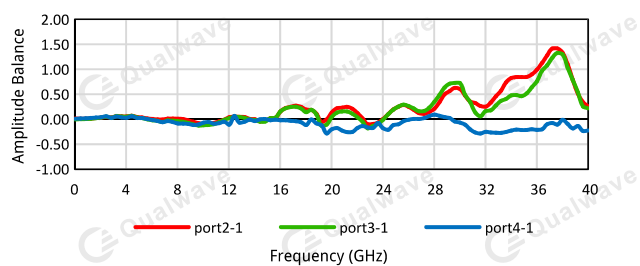
Customization is available upon request.

Typical Performance Curves



4-Way Resistive Power Divider

Amplitude Balance vs. Frequency



Phase balance vs. Frequency

