

QWPD4-40000-50000-K1-22

4-Way, 40~50GHz, 100W, WR-22

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

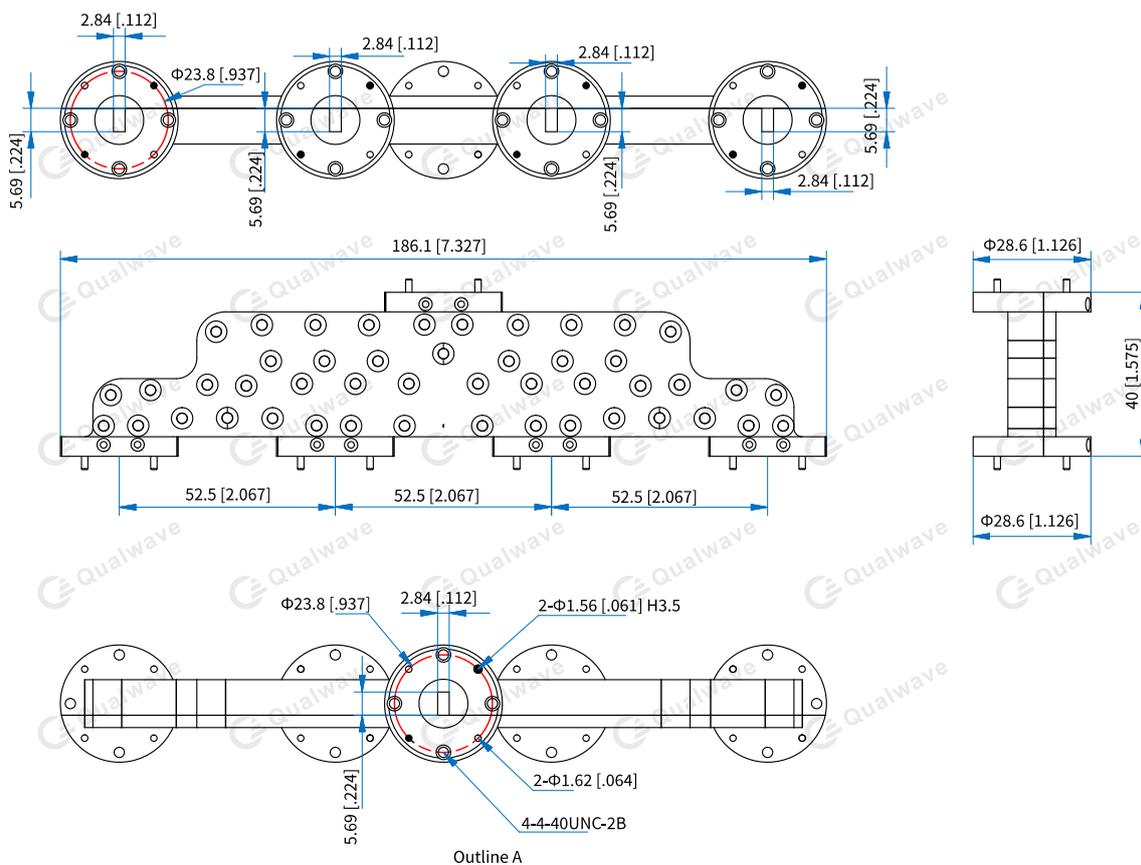
Electrical

Frequency:	40~50GHz
Insertion Loss:	0.35dB max.
VSWR:	1.3 max.
Amplitude Balance:	±0.3dB max.
Phase Balance:	±15° max.
Peak Power:	1000W min. (10% duty cycle)
Power @SUM Port:	100W as divider 100W as combiner

Mechanical

Waveguide Size:	WR-22 (BJ400)
Flange:	FUGP400
Material:	Copper
Finish:	Silver plating
Coating:	Sea gray

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

4-Way Waveguide Power Dividers

Environmental

Operating Temperature: -40~+80°C
Non-operating Temperature: -55~+85°C

How To Order

[QWPD4-40000-50000-K1-22-Y-Z](#)

Y: Material

Z: Flange type

Material naming rules:

C - Copper (Outline A)

Flange naming rules:

5 - FUGP400 (Outline A)

Examples:

To order a Waveguide Power Dividers, 40~50GHz, 100W, WR-22, Copper, FUGP400, specify QWPD4-40000-50000-K1-22-C-5.

Customization is available upon request.