

QWPD2-18000-26500-K3-42

2-Way, 18~26.5GHz, 300W, WR-42

Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test

Electrical

Frequency:	18~26.5GHz
Insertion Loss:	0.3dB max.
VSWR:	1.35 max.
Amplitude Balance:	±0.15dB max.
Phase Balance:	±5° max.
Balancing Arm Isolation:	15dB min.
E-H Isolation:	30dB min.
Power @SUM Port:	300W max. as divider 300W max. as combiner

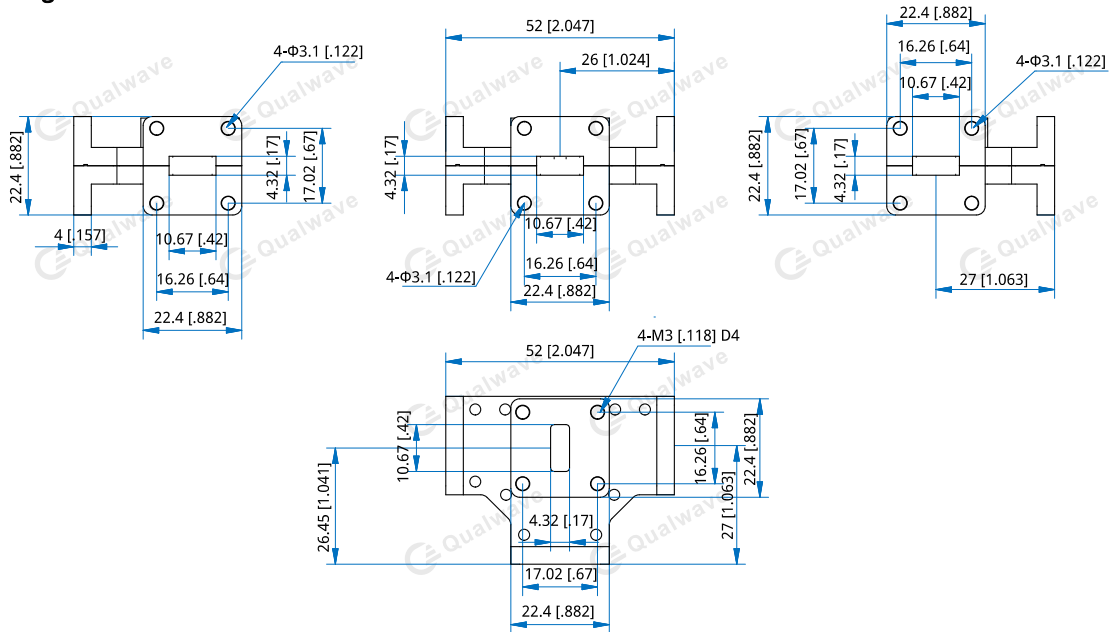
Mechanical

Waveguide Size:	WR-42 (BJ220)
Flange:	FBP220
Material:	Aluminium
Finish:	Silver plating

Environmental

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+85°C

Outline Drawings



Outline A

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

How To Order

QWPD2-18000-26500-K3-42-Y-Z

Y: Material
 Z: Flange type

Material naming rules:
 A - Aluminium (Outline A)

Flange naming rules:

1 - FBP (Outline A)

Examples:

To order a 2-way waveguide power divider, 18~26.5GHz, 300W, WR-42, Aluminium, FBP220, specify QWPD2-18000-26500-K3-42-A-1.

Customization is available upon request.