

# Waveguide Combiners & Dividers

## 40-46 GHz 4-way Combine with Isolated 20dB

Dolph Microwave offers a standard product line of 3dB Waveguide Combiners/Dividers covering waveguide sizes WR340 thru WR22. typically used for power distribution or power combination. It features small volume, the standard coupling level is 3 dB, the phase difference is 90° at distribution holes. The flange type and sizes can be custom made as per customer's specific requirements.



### ● Technical Specification

WR22 Waveguide Combiner & Divider 4 way	
Model	DH-400WCDWI31_4PC
Frequency Range	40.0-46.0 GHz
Bandwidth	Full bandwidth
VSWR	≤1.3:1
Insertion Loss	≤0.3 dB
Phase Balance	±3 degree
Isolation (Adjacent Ports)	≥20 dB
Isolation (Non-Adjacent Ports)	≥20 dB
Handling Power	50 W, CW
Type	1 to 2 Way
Flange	UG383/U-Mod (Cover)
Material	Cu
Surface Treatment	Gold Plated
Surface Coating	Black Paint
RoHS 2002/95/EC	Compliant

● Outline Drawing (Size: mm)

