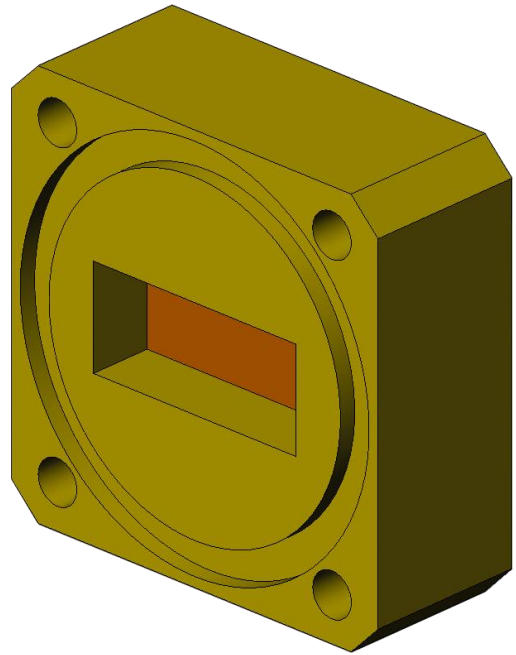


Typical Application

- SATCOM
- Broadcast
- Radars
- Test equipment

Product Features

- 8.2 to 12.4 GHz Frequency Range
- Low Insertion Loss and VSWR
- WR-90 Waveguide with CPR Flange
- Compact form-factor
- Simple integration to existing systems



Product Description

UBS offers a line of pressure windows to mate with all standard waveguide flanges. In addition to the popular standard flanges listed, UBS offers a more complete line of industry standard flange styles upon request. All pressure windows are manufactured from 0.0625" material and are designed to be used up to a maximum pressure of 15 psi (10-15 psi typical, higher pressure handling available upon request). These pressure windows are for low power Tx/Rx application (below 250 Watts average power) and do not have pressure inlets or gasket grooves.

Electrical	
Operating Frequency	8.2 - 12.4 GHz
Insertion Loss	<0.05 dB
VSWR	< 1.1:1
Power Handling	250 W
Pressure Handling	10 - 15 psi

Mechanical	
Waveguide	WR-90
Flange 1 Type	Cover
Flange 2 Type	Grooved
Material	6061-T6 Aluminum
Finish	Yellow Iridite (options available upon request)
Dimensions (W x H x L)	1.63" x 1.63" x 0.25"
Weight	0.065lbs (30g) max.