

# WR-42 E-Plane Waveguide Bend, 45°

### **Description:**

**Model SWB-42045-EB** is a 45 degree, WR-42 E-plane waveguide bend with UG-595/U flanges. The bend radius is 1.25". The waveguide bend is manufactured through a precision machining process to ensure high quality and ruggedness. The waveguide is offered to cover the frequency range of 18 to 26.5 GHz.



#### **Features:**

- Frequency Coverage: 18 to 26.5 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

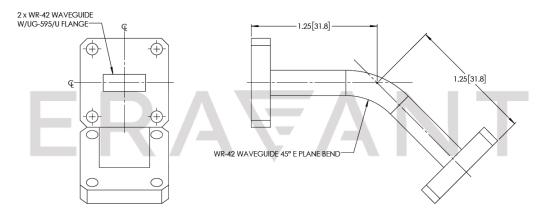
## **Applications:**

- Test Instrumentation
- Sub-assemblies
- Lab Use

### **Mechanical Specifications:**

Item	Specification
Waveguide Size	WR-42 Waveguide with UG-595/U Flanges
Bend Plane	E Plane
Bend Angle	45 Degrees
Bend Radius	1.25"
Flange Material	Brass
Waveguide Material	Copper
Finish	Gold Plated
Weight	1.0 Oz
Outline	WB-EK-5

### **Mechanical Outline:** (Unless otherwise specified, all dimensions are in inches)



#### Note:

Eravant reserves the right to change the information presented without notice.



www.eravant.com | 501 Amapola Avenue, Torrance, CA 90501 Phone: 424-757-0168 | Fax: 424-757-0188 | Email: support@eravant.com