

Part Description

UBS offers a custom product line of formed twist sections covering waveguide sizes from WR-28 through WR-650. Insertion loss is equivalent to straight waveguide sections. Please specify the length.

Ordering Data

Part number - 112 - X - X - X - X - X - X - X

Series No. _____

WG Size _____

Length _____

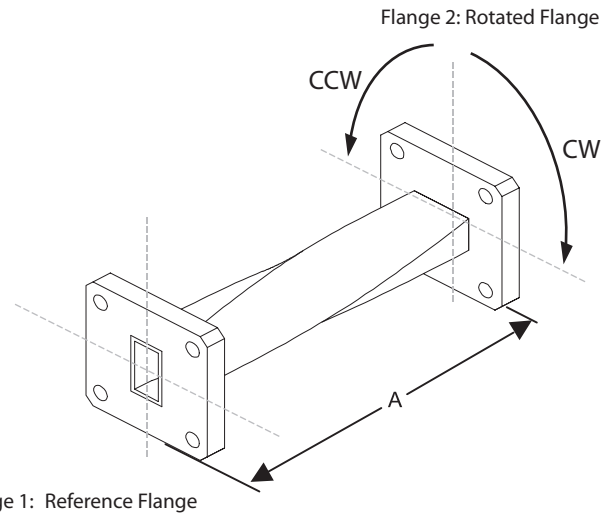
Flange 1 _____

Flange 1 Mounting _____

Flange 2 _____

Flange 2 Mounting _____

Twist Angle _____



Flange Configuration

Flange Type	C - Cover G - Groove CHOKE CMR CPR(F, G)
Flange Mounting Holes	T1 - Through Holes T2 - Threaded A - Alternating
Twist Angle	1 - 90° Twist 2 - 45° Twist

Electrical Specification

VSWR	< 1.06 - 1.10 (length dependent)
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STANDARD FINISH: is electroless corrosion protection for the metal surface. Non standard configurations and finishes (Silver, Nickel, Cadmium plating) are available upon request. Waveguide sizes up to WR-650 available. Contact our sales department with your requirements.

Specifications

Size	Frequency GHz	Minimum Dimension Available for 90° Twist
WR28	26.50 - 40.00	1.00
WR34	22.00 - 33.00	1.00
WR42	18.00 - 26.00	1.00
WR51	15.00 - 22.00	1.00
WR62	12.40 - 18.00	1.50
WR75	10.00 - 15.00	1.50
WR90	8.20 - 12.40	1.50
WR112	7.05 - 10.00	2.00
WR137	5.85 - 8.20	2.00
WR159	4.09 - 7.05	3.00
WR187	3.95 - 5.85	3.00
WR229	3.30 - 4.90	3.00
WR284	2.60 - 3.95	6.00
WR340	2.20 - 3.30	8.00
WR430	1.70 - 2.60	9.00
WR650	1.12 - 1.70	15.00

(specifications are subject to change without notice)