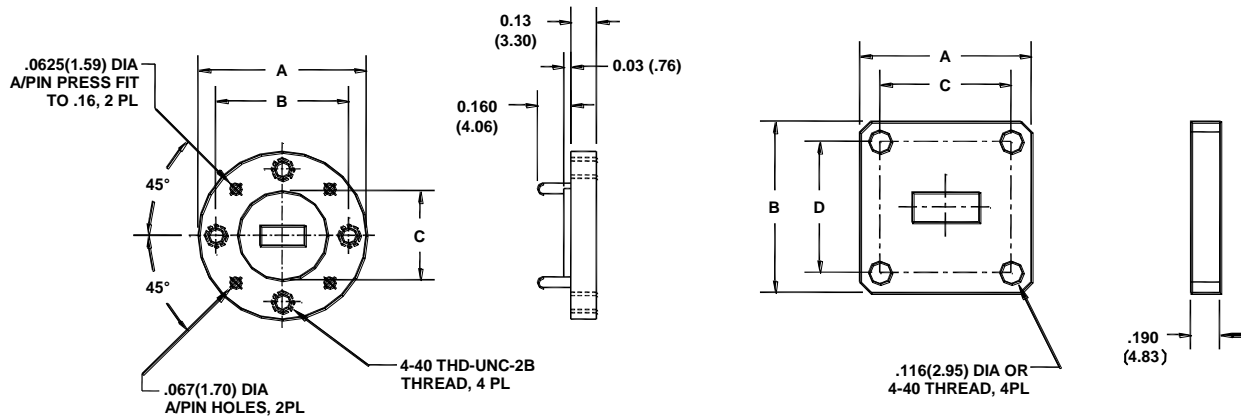


## Waveguide Flange Dimensions

### Waveguide Flange Dimensions



FREQUENCY BAND	WR-22 and WR-19	WR-15 Through WR-2.2
A	1.22/28.6	0.750/19.0
B	0.937/23.8	0.562/14.3
C	0.500/12.7	0.375/9.5

Frequency Band	WR-42	WR-28
A, B	0.875/22.2	0.656/16.6
C	0.640/16.2	0.500/12.7
D	0.670/17.0	0.530/13.5

Frequency GHz	Band	WR #	Inside Dimensions Inches/mm	Cover Flange Reference*	Flange Type
1.12-1.7	-	650	6.5 x 3.25/-	CPR650*	Rectangle
1.7-2.6	-	430	4.3 x 2.15/-	CPR430*	Rectangle
2.2-3.3	-	340	3.4 x 1.7/-	CPR340*	Rectangle
2.6-3.95	-	284	2.84 x 1.34/-	CPR284*	Rectangle
3.3-4.9	-	229	2.29 x 1.145/-	CPR229*	Rectangle
3.95-5.85	-	187	1.872 x .872/-	CPR187*	Rectangle
4.9-7.05	-	159	1.59 x .795/-	CPR159*	Rectangle
5.85-8.2	-	137	1.372 x .622/-	CPR137*	Rectangle
7.05-10	-	112	1.122 x .497/-	CPR112*	Rectangle
7- 11	-	102	1.02 x .510/-	WR102, Cover*	Square
8.2-12.4	-	90	.900 x .400/-	UG-39/U	Square
10-15	-	75	.750 x .375/-	WR75 COVER	Square
12.4-18	-	62	.622 x .311/-	UG-419/U	Square
15-22	-	51	.510 x .255/-	WR51 COVER	Square
18-26.5	K	42	.420 x .170/4.32 x 4.32	UG-595/U	Square

# CERNEXWAVE

Frequency GHz	Band	WR #	Inside Dimensions Inches/mm	Cover Flange Reference*	Flange Type
22-33	Kb	34	.340 x .170/8.64 x 4.32	UBR260	Square
26.5-40	Ka	28	.280 x .140/7.11 x 3.55	UG-599/U	Square
33-50	Q	22	.112 x .224/2.84 x 5.68	UG-383/U	Round
40-60	U	19	.188 x .094/4.77 x 2.38	UG-383/U-M	Round
50-75	V	15	.148 x 0.74/3.75 x 18.8	UG-385/U	Round
60-90	E	12	.122 x .061/3.09 x 1.54	UG-387/U	Round
75-110	W	10	.100 x .050/2.54 x 1.27	UG-387/U-M	Round
90-140	F	8	.080 x .040/2.03 x 1.01	UG-387/U-M	Round
110-170	D	6	.065 x .0325/1.65 x 0.825	UG-387/U-M	Round
140-220	G	5	.051 x .0255/1.29 x 0.65	UG-387/U-M	Round
170-260	-	4	0.043 x 0.0215/1.1 x 0.55	UG-387/U-M	Round
220-325	-	3	0.034 x 0.017/0.86 x 0.43	UG-387/U-M	Round
325-400	-	2.8	0.028 x 0.014/0.71 x 0.355	UG-387/U-M	Round
400-500	-	2.2	0.022 x 0.011/0.56 x 0.28	UG-387/U-M	Round

\* OTHER FLANGES ARE ALSO AVAILABLE.

CERNEXWAVE RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE.