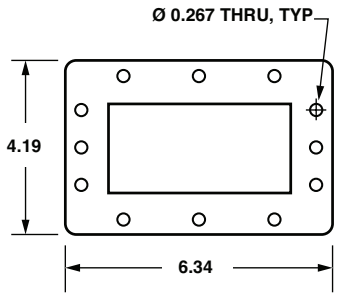
Waveguide Band Designation Table and Reference Guide

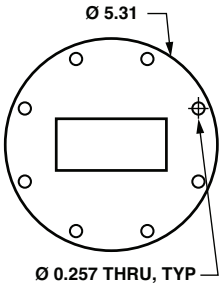
FREQUENCY RANGE (GHz)	WAVEGUIDE DESIGNATION			WAVEGUIDE TO COAXIAL ADAPTERS FOR STANDARD GAIN HORNS				
	EIA (WR)	IEC (R)	BRITISH (WG)	GAIN HORN SERIES	W/G TO COAX SMA / 2.92mm (F)	W/G TO COAX TYPE N (F)	W/G TO COAX END LAUNCH SMA / 2.92mm (F)	W/G TO COAX END LAUNCH TYPE N (F)
1.70 - 2.60	WR430	R22	WG8	651-Series	4617A	617	—	617E
2.60 - 3.95	WR284	R32	WG10	652-Series	4618	618	4618E	618E
3.30 - 4.90	WR229	R40	WG11A	653-Series	4619	619	4619E	619E
3.95 - 5.85	WR187	R48	WG12	654-Series	4620	620	4620E	620E
4.90 - 7.05	WR159	R58	WG13	655-Series	4621	621	4621E	621E
5.85 - 8.20	WR137	R70	WG14	656-Series	4622	622	4622E	622E
7.05 - 10.0	WR112	R84	WG15	657-Series	4623	623	4623E	623E
7.00 - 11.0	WR102	—	—	658-Series	4624	624	4624E	624E
8.20 - 12.4	WR90	R100	WG16	659-Series	4625	625	4625E	625E
10.0 - 15.0	WR75	R120	WG17	660-Series	4626	626	4626E	626E
12.4 - 18.0	WR62	R140	WG18	661-Series	4627	627	4627E	627E
15.0 - 22.0	WR51	R180	WG19	662-Series	4628	—	4628E	—
18.0 - 26.5	WR42	R220	WG20	663-Series	4629	—	4629E	—
22.0 - 33.0	WR34	R260	WG21	664-Series	4630	—	4630E	—
26.5 - 40.0	WR28	R320	WG22	665-Series	4631	—	4631E	—

All waveguide products are made of iridite-treated aluminum, with painted exterior surfaces.

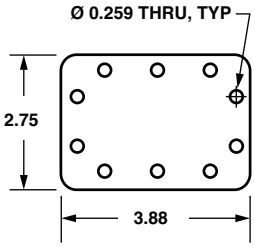
Waveguide Flange Data



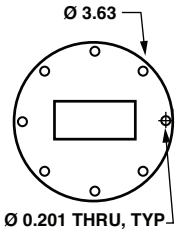
WR430
(UG-1711/U)



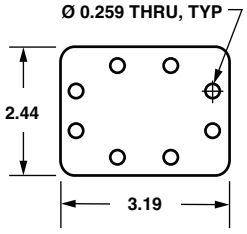
WR284
(UG-584/U)



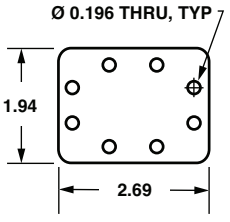
WR229
(UG-1727/U)



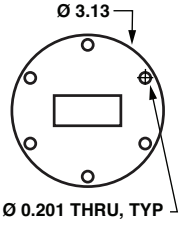
WR187
(UG-407/U)



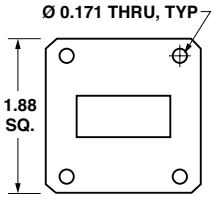
WR159
(UG-1731/U)



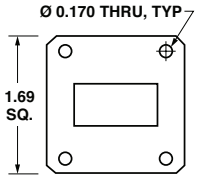
WR137
(UG-1733/U)



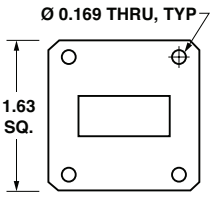
WR137
(UG-441/U)



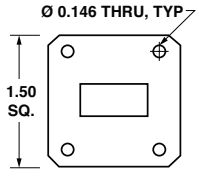
WR112
(UG-138/U)



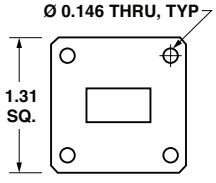
WR102
(MIL-F-3922/70-014)



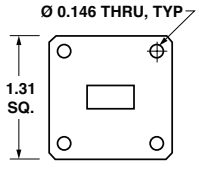
WR90
(UG-135/U)



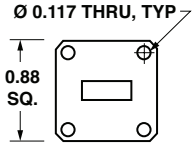
WR75
(MIL-F-3922/70-017)



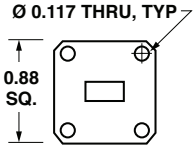
WR62
(UG-1665/U)



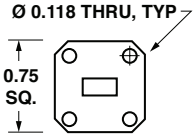
WR51
(MIL-F-3922/70-024)



WR42
(UG-597/U)



WR34
(UG-1530/U)



WR28
(UG-599/U)

For a complete listing of all band letters and codes in use, refer to Band Designation Table on page 183.

Dimensions in inches, unless otherwise specified.