



RIGID WAVEGUIDE SPECIFICATIONS

US WR	EUROPE		BAND	AN TYPE	MIL-DTL	MATERIAL	EST. WT.	FREQUENCY RANGE GHZ.	INSIDE	TOLERANCE	OUTSIDE	TOLERANCE	WALL THICKNESS
	R	WG			85		lbs./Ft.		DIMENSION	± STD.	DIMENSION	± STD.	
3		-	-	RG-279/U	-	COPPER	0.0258	220.00 - 325.00	.034 x .017	0.001	.094 x .077	0.002	0.030
				-	-	BRONZE	0.0255						
				-	-	COIN SILVER	.44 Oz.						
4		-	-	RG-277/U	-	COPPER	0.0289	170.00 - 260.00	.043 x .0215	0.001	.103 x .0815	0.002	0.030
				-	-	BRONZE	0.0286						
				-	-	COIN SILVER	.50 Oz.						
5		-	-	RG-275/U	-	COPPER	0.0317	140.00 - 220.00	.051 x .0255	0.001	.111 x .0855	0.002	0.030
				-	-	BRONZE	0.0314						
				-	-	COIN SILVER	.54 Oz.						
7		-	-	RG-276/U	-	COPPER	0.0366	110.00 - 170.00	.065x .0325	0.001	.125 x .0925	0.002	0.030
				-	-	BRONZE	0.0362						
				-	-	COIN SILVER	.62 Oz.						
8	1200	28	-	RG-278/U	-	COPPER	0.0419	90.00 - 140.00	.080 x .040	0.001	.140 x .100	0.002	0.030
				-	-	BRONZE	0.0414						
				-	-	COIN SILVER	.71 Oz.						
10	900	27	Z	RG-359/U	3-024	COPPER	0.0710	75.0 - 110.0	.100 x .050	0.001	.180 x .130	0.002	0.040
				-	-	BRONZE	0.0700						
				-	-	COIN SILVER	1.21 Oz.						
12	740	26	Y	RG-274/U	3-021	COPPER	0.0816	60.0 - 90.0	.122 x .061	0.001	.202 x .141	0.002	0.040
				RG-99/U	3-020	BRONZE	0.0807						
				-	-	COIN SILVER	1.38 Oz.						
15	620	25	V	RG-273/U	3-018	COPPER	0.0937	50.0 - 75.0	.148 x .074	0.001	.228 x .154	0.002	0.040
				-	-	BRONZE	0.0927						
				RG-98/U	3-017	COIN SILVER	1.59 Oz.						
19	500	24	-	RG-358/U	3-015	COPPER	0.1120	40.0 - 60.0	.188 x .094	0.001	.268 x .174	0.002	0.040
				RG-358/U	-	BRONZE	0.1110						
				-	3-014	COIN SILVER	1.91 Oz.						
22	400	23	Q	RG-272/U	3-011	COPPER	0.1290	33.0 - 50.0	.224 x .112	0.001	.304 x .192	0.002	0.040
				RG-272/U	-	BRONZE	0.1278						
				RG-97/U	3-010	COIN SILVER	2.19 Oz.						
				-	3-013	6061 ALUMINUM	0.0390						
28	320	22	Ka	RG-271/U	3-007	COPPER	0.1552	26.5 - 40.0	.280 x .140	0.001	.360 x .220	0.002	0.040
				RG-271/U	-	BRONZE	0.1536						
				RG-96/U	3-006	COIN SILVER	2.64 Oz.						
34	260	21	-	RG-354/U	1-107	COPPER	0.1830	22.0 - 33.0	.340 x .170	0.001	.420 x .250	0.002	0.040
				RG-354/U	1-109	BRONZE	0.1181						
				RG-355/U	1-111	6061 ALUMINUM	0.0552						
42	220	20	K	RG-53/U	1-100	COPPER	0.2017	18.0 - 26.5	.420 x .170	0.001	.500 x .250	0.002	0.040
				RG-53/U	1-102	BRONZE	0.2050						
				RG-66/U	1-106	COIN SILVER	3.53 Oz.						
				RG-121/U	1-104	6061 ALUMINUM	0.0627						
51	180	19	N	RG-352/U	1-094	COPPER	0.2620	15.0 - 22.0	.510 - .255	0.001	.590 - .335	0.002	0.040
				RG-353/U	1-096	BRONZE	0.2590						
				RG-351/U	1-098	6061 ALUMINUM	0.0790						
62	140	18	Ku	RG-91/U	1-087	COPPER	0.3140	12.4 - 18.0	.622 x .311	0.001	.702 x .391	0.002	0.040
				RG-91/U	1-089	BRONZE	0.3110						
				RG-349/U	1-090	1100 ALUMINUM	0.0948						
				RG-349/U	1-091	6061 ALUMINUM	0.0948						

75	120	17	M	RG-346/U	1-081	COPPER	0.4750						
				RG-346/U	1-085	BRONZE	0.4700	10.0 - 15.0	.750 x .375	0.001	.850 x .475	0.002	0.050
				RG-347/U	1-084	6061 ALUMINUM	0.1430						
90	100	16	SMALL X	RG-52/U	1-075	COPPER	0.5430						
				RG-52/U	1-079	BRONZE	0.5370	8.2 - 12.4	.900 x .400	0.002	1.000 x .500	0.003	0.050
				RG-67/U	1-077	1100 ALUMINUM	0.1638						
				RG-67/U	1-078	6061 ALUMINUM	0.1638						
102	-	-	HS	-	1-156	COPPER	0.8235						
				RG-320/U	1-155	BRONZE	0.8100	7.0 - 11.0	1.020 x .510	0.002	1.148 x .638	0.005	0.064
				-	1-158	6061 ALUMINUM	0.2480						
112	84	15	LARGE X	RG-51/U	1-069	COPPER	0.8670						
				RG-51/U	1-073	BRONZE	0.8580	7.05 - 10.0	1.122 x .497	0.002	1.250 x .625	0.004	0.064
				RG-68/U	1-071	1100 ALUMINUM	0.2600						
				RG-68/U	1-072	6061 ALUMINUM	0.2600						
137	70	14	C	RG-50/U	1-063	COPPER	1.0530						
				RG-50/U	1-067	BRONZE	1.0430	5.85 - 8.20	1.372 x .622	0.002	1.500 x .750	0.004	0.064
				RG-106/U	1-066	6061 ALUMINUM	0.3170						
159	58	13	D	RG-343/U	1-057	COPPER	1.2480						
				RG-343/U	1-061	BRONZE	1.2350	4.90 - 7.05	1.590 x .795	0.004	1.718 x .923	0.004	0.064
				RG-344/U	1-060	6061 ALUMINUM	0.3760						
187	48	12	J	RG-49/U	1-051	COPPER	1.4260						
				RG-49/U	1-055	BRONZE	1.4110	3.95 - 5.85	1.872 x .872	0.005	2.000 x 1.000	0.005	0.064
				RG-95/U	1-054	6061 ALUMINUM	0.4300						
229	40	11A	U	RG-340/U	1-045	COPPER	1.7690						
				RG-340/U	1-049	BRONZE	1.7510	3.30 - 4.90	2.290 x 1.145	0.005	2.418 x 1.273	0.005	0.064
				RG-341/U	1-048	6061 ALUMINUM	0.5335						
284	32	10	S	RG-48/U	1-039	COPPER	2.6940						
				RG-48/U	1-043	BRONZE	2.6660	2.60 - 3.95	2.84 x 1.34	0.005	3.00 x 1.50	0.005	0.080
				RG-75/U	1-042	6061 ALUMINUM	0.8120						
340	26	9A	F	RG-112/U	1-033	COPPER	3.2650						
				RG-112/U	1-037	BRONZE	3.2310	2.10 - 3.00	3.40 x 1.70	0.005	3.56 x 1.86	0.005	0.080
				RG-113/U	1-036	6061 ALUMINUM	0.9800						
430	22	8	L	RG-104/U	1-027	COPPER	4.1030						
				RG-104/U	1-031	BRONZE	4.0610	1.70 - 2.60	4.30 x 2.15	0.008	4.46 x 2.31	0.008	0.080
				RG-105/U	1-030	6061 ALUMINUM	1.2370						
510	18	7	-	RG-337/U	1-021	COPPER	4.8480	1.45 - 2.20	5.10 x 2.55	0.008	5.26 x 2.71	0.008	0.080
				RG-338/U	1-026	6061 ALUMINUM	1.4620						
650	14	6	-	RG-103/U	1-019	6061 ALUMINUM	1.9020	1.12 - 1.70	6.50 x 3.25	0.008	6.66 x 3.41	0.008	0.080