



COLD DRAWN RIGID WAVEGUIDE DATA

WR	BAND	RG	MIL-W-85 MIL-DTL-85H	MATERIAL	EST. WT PER FOOT	FREQUENCY RANGE GHz	INSIDE DIMENSION	TOL. ± STD.	OUTSIDE DIMENSION	TOL. ± STD.	WALL THICKNESS
WR 3	-	-	-	COPPER	.0258	220.00 - 325.00	.034 x .017	.001	.094 x .077	.002	.030
		RG 279/U	-	BRONZE	.0255						
		-	-	COIN SILVER	.44 OZ						
WR 4	-	-	-	COPPER	.0289	170.00 - 260.00	.043 x .0215	.001	.103 x .0815	.002	.030
		RG 277/U	-	BRONZE	.0286						
		-	-	COIN SILVER	.50 OZ						
WR 5	-	-	-	COPPER	.0317	140.00 - 220.00	.051 x .0255	.001	.111 x .0855	.002	.030
		RG 275/U	-	BRONZE	.0314						
		-	-	COIN SILVER	.54 OZ						
WR 7	-	-	-	COPPER	.0366	110.00 - 170.00	.065 x .0325	.001	.125 x .0925	.002	.030
		RG 276/U	-	BRONZE	.0362						
		-	-	COIN SILVER	.62 OZ						
WR 8	-	-	-	COPPER	.0419	90.00 - 140.00	.080 x .040	.001	.140 x .100	.002	.030
		RG 278/U	-	BRONZE	.0414						
		-	-	COIN SILVER	.71 OZ						
WR 10	Z	-	3-024	COPPER	.0710	75.00 - 110.00	.100 x .050	.001	.180 x .130	.002	.040
		RG 359/U	-	BRONZE	.0700						
		-	3-023	COIN SILVER	1.21 OZ						
WR 12	Y	-	3-021	COPPER	.0816	60.00 - 90.00	.122 x .061	.001	.202 x .141	.002	.040
		RG 274/U	-	BRONZE	.0807						
		RG 99/U	3-020	COIN SILVER	1.38 OZ						
WR 15	V	-	3-018	COPPER	.0937	50.00 - 75.00	.148 x .074	.001	.228 x .154	.002	.040
		RG 98/U	-	BRONZE	.0927						
		RG 358/U	3-017	COIN SILVER	1.59 OZ						
WR 19	-	-	3-015	COPPER	.1120	40.00 - 60.00	.188 x .094	.001	.268 x .174	.002	.040
		RG 358/U	WR19.90/10	BRONZE	.1110						
		-	3-014	COIN SILVER	1.91 OZ						
WR 22	Q	-	3-011	COPPER	.1290	33.00 - 50.00	.224 x .112	.001	.304 x .192	.002	.040
		RG 272/U	-	BRONZE	.1278						
		RG 97/U	3-010	COIN SILVER	2.19 OZ						
WR 28	R	-	3-013	6061 AL	.039	26.50 - 40.00	.280 x .140	.001	.320 x .140	.002	.020
		RG 271/U	3-007	COPPER	.1552						
		RG 271/U	3-008	BRONZE	.1536						
WR 34	-	-	3-009	6061 AL	.044	22.00 - 33.00	.340 x .170	.001	.420 x .250	.002	.020
		RG 96/U	-	6061 AL	.022						
		-	3-006	COIN SILVER	2.64 OZ						
WR 42	K	-	1-107	COPPER	.1830	18.00 - 26.50	.420 x .170	.001	.500 x .250	.002	.040
		RG 354/U	1-109	BRONZE	.1810						
		RG 355/U	1-111	6061 AL	.0552						
WR 51	N	-	-	6061 AL	.026	15.00 - 22.00	.510 x .255	.001	.550 X .295	.002	.020
		RG 53/U	1-100	COPPER	.2017						
		RG 53/U	1-102	BRONZE	.2050						
WR 62	P	-	1-106	COIN SILVER	3.53 OZ	12.40 - 18.00	.622 x .311	.001	.702 x .391	.002	.040
		RG 66/U	1-104	6061 AL	.0627						
		RG 121/U	-	6061 AL	.029						
WR 75	M	-	-	6061 AL	.029	10.00 - 15.00	.750 x .375	.001	.850 x .475	.002	.050
		RG 352/U	1-094	COPPER	.2620						
		RG 353/U	1-096	BRONZE	.2590						
WR 75	M	-	1-098	6061 AL	.0790	10.00 - 15.00	.750 x .375	.001	.850 x .475	.002	.020
		RG 351/U	-	6061 AL	.039						
		-	-	6061 AL	.056						
WR 75	M	-	1-087	COPPER	.3140	10.00 - 15.00	.750 x .375	.001	.850 x .475	.002	.025
		RG 91/U	1-089	BRONZE	.3110						
		RG 349/U	1-090	1100 AL	.0948						
WR 75	M	-	1-091	6061 AL	.0948	10.00 - 15.00	.750 x .375	.001	.850 x .475	.002	.025
		RG 349/U	-	6061 AL	.047						
		-	-	6061 AL	.047						
WR 75	M	-	1-081	COPPER	.4750	10.00 - 15.00	.750 x .375	.001	.850 x .475	.002	.050
		RG 346/U	1-085	BRONZE	.4700						
		RG 347/U	1-084	6061 AL	.1430						
WR 75	M	-	-	6061 AL	.1430	10.00 - 15.00	.750 x .375	.001	.850 x .475	.002	.020
		-	-	6061 AL	.056						
		-	-	6061 AL	.056						
WR 75	M	-	-	6061 AL	.056	10.00 - 15.00	.750 x .375	.001	.850 x .475	.002	.025
		-	-	6061 AL	.056						
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WR 90	X	RG 52/U	1-075	COPPER	.5430	8.20 - 12.40	.900 x .400	.002	1.000 x .500	.003	.050
		RG 52/U	1-079	BRONZE	.5370						
		RG 67/U	1-077	1100 AL	.1638						
		RG 67/U	1-078	6061 AL	.1638						
		-	-	6061 AL	.063				.940 X .440		.020
WR 102	HS	-	1-156	COPPER	.8235	7.00 - 11.00	1.020 x .510	.002	1.148 x .638	.005	.064
		RG 320/U	1-155	BRONZE	.8100						
		-	1-158	6061 AL	.2480						
WR 112	H	RG 51/U	1-069	COPPER	.8670	7.05 - 10.00	1.122 x .497	.002	1.250 x .625	.004	.064
		RG 51/U	1-073	BRONZE	.8580						
		RG 68/U	1-071	1100 AL	.2600						
		RG 68/U	1-072	6061 AL	.2600						
		-	-	6061 AL	.080				1.162 x .537		.020
WR 137	C	RG 50/U	1-063	COPPER	1.053	5.85 - 8.20	1.372 x .622	.002	1.500 x .750	.004	.064
		RG 50/U	1-067	BRONZE	1.043						
		RG 106/U	1-066	6061 AL	.3170						
		-	-	6061 AL	.099				1.142 x .662		.020
		-	-	6061 AL	.154				1.436 x .686		.032
WR 159	D	RG 343/U	1-057	COPPER	1.248	4.90 - 7.05	1.590 x .795	.004	1.718 x .923	.004	.064
		RG 343/U	1-061	BRONZE	1.235						
		RG 344/U	1-060	6061 AL	.3760						
WR 187	J	RG 49/U	1-051	COPPER	1.426	3.95 - 5.85	1.872 x .872	.005	2.000 x 1.000	.005	.064
		RG 49/U	1-055	BRONZE	1.411						
		RG 95/U	1-054	6061 AL	.4300						
		RG 95/U	1-053	1100 AL	.4300						
WR 229	U	RG 340/U	1-045	COPPER	1.769	3.30 - 4.90	2.290 x 1.145	.005	2.418 x 1.273	.005	.064
		RG 340/U	1-049	BRONZE	1.751						
		RG 341/U	1-048	6061 AL	.5335						
WR 284	S	RG 48/U	1-039	COPPER	2.694	2.60 - 3.95	2.840 x 1.340	.005	3.000 x 1.500	.005	.080
		RG 48/U	1-043	BRONZE	2.666						
		RG 75/U	1-042	6061 AL	.8120						
		RG 75/U	1-041	1100 AL	.8120						
WR 340	F	RG 112/U	1-033	COPPER	3.265	2.10 - 3.00	3.400 x 1.700	.005	3.560 x 1.860	.005	.080
		RG 112/U	1-037	BRONZE	3.231						
		RG 113/U	1-036	6061 AL	.9800						
WR 430	L	RG 104/U	1-027	COPPER	4.103	1.70 - 2.60	4.300 x 2.150	.008	4.460 x 2.310	.008	.080
		RG 104/U	1-031	BRONZE	4.061						
		RG 105/U	1-030	6061 AL	1.237						
WR 510	-	RG 337/U	1-021	COPPER	4.848	1.45 - 2.20	5.100 x 2.550	.008	5.260 x 2.710	.008	.080
		RG 338/U	1-026	6061 AL	1.462						
WR 650	T	-	1-015	COPPER	1.902	1.12 - 1.70	6.500 x 3.250	.008	6.660 x 3.410	.008	.080
		RG 103/U	1-019	6061 AL							