



Appendix L *Flexible-Twistable Waveguide*

WR	Frequency Range (GHz)	VSWR	Insertion Loss (dB/foot)	CW Power (Watts)	Peak Power (kW)	Bend Radii With Jacket	
						E-Plane	H-Plane
28	26.5-40.0	1.30	0.60	75	20	0.75	1.13
34	22.0-33.0	1.30	0.50	100	30	0.75	1.13
42	18.0-26.5	1.20	0.35	100	39	0.88	1.25
51	15.0-22.0	1.20	0.35	200	70	0.88	1.25
62	12.4-18.0	1.12	0.20	400	100	1.00	1.88
75	10.0-15.0	1.12	0.15	750	140	1.13	2.25
90	8.2-12.4	1.10	0.10	1000	180	1.75	2.50
102	7.0-11.0	1.10	0.09	1500	300	2.00	2.88
112	7.05-10.0	1.10	0.08	1500	315	2.25	3.25
137	5.85-8.2	1.10	0.07	2000	500	2.38	3.38
159	4.9-7.05	1.10	0.06	2500	1100	4.00	6.00
187	3.95-5.85	1.10	0.05	3000	1250	4.38	6.50
229	3.3-4.9	1.10	0.02	4000	1550	6.50	8.00
284	2.6-3.95	1.10	0.02	4000	2000	7.00	9.50
340	2.2-3.3	1.10	0.01	8000	3700	10.00	16.00
430	1.7-2.6	1.10	0.01	10000	4700	12.00	25.00