

Access Laser Company

CO2 Molecular Radiation & Typical Tunable Laser Spectrum

LINE	Wavelength (μm)	L4G (mW)	MeritG (W)	L20G (W)	LINE	Wavelength (μm)	L4G (mW)	MeritG (W)	L20G (W)
9R(42)	9.1656440				10R(42)	10.1148262			2.40
40	9.1740695				40	10.1253400			2.43
38	9.1827244				38	10.1361464			3.02
36	9.1916114			1.60	36	10.1472454		0.10	4.89
34	9.2007329		0.24	5.50	34	10.1586374	85	0.56	6.37
32	9.2100915	156	0.26	5.21	32	10.1703225	142	0.75	7.81
30	9.2196895	192	0.81	4.56	30	10.1823014	240	1.30	9.13
28	9.2295296	340	0.82	6.64	28	10.1945745	240	1.60	10.03
26	9.2396141	350	1.10	8.30	26	10.2071425	255	1.90	10.84
24	9.2499453	360	1.40	8.97	24	10.2200062	380	2.00	12.01
22	9.2605258	340	1.40	9.72	22	10.2331666	340	1.50	11.71
20	9.2713577	340	1.50	9.75	20	10.2466246	360	2.00	11.78
18	9.2824434	380	0.88	9.00	18	10.2603814	450	1.90	12.49
16	9.2937852	415	1.40	9.36	16	10.2744384	400	1.90	12.26
14	9.3053853	280	0.80	8.96	14	10.2887967	390	1.90	11.59
12	9.3172460	250	0.87	8.32	12	10.3034581	380	1.50	11.51
10	9.3293695	350	0.72	6.95	10	10.3184241	380	1.10	10.86
8	9.3417579	250	0.10	4.78	8	10.3336965	270	0.28	9.21
6	9.3544134			3.01	6	10.3492772	200		7.26
4	9.3673380				4	10.3651683			3.77
9P(6)	9.4433275				10P(6)	10.4582196			4.56
8	9.4580515	125		3.47	8	10.4761866	180	0.08	8.73
10	9.4730598	330	0.87	6.94	10	10.4944835	230	1.30	10.59
12	9.4883540	290	0.76	7.18	12	10.5131136	380	1.90	11.71
14	9.5039361	380	0.80	8.24	14	10.5320802	330	1.70	11.62
16	9.5198079	410	1.10	9.93	16	10.5513868	290	2.40	12.22
18	9.5359711	462	1.10	9.71	18	10.5710372	300	2.60	11.96
20	9.5524275	440	1.40	10.02	20	10.5910352	300	2.50	12.53
22	9.5691788	470	1.50	10.21	22	10.6113848	310	2.40	12.22
24	9.5882267	435	1.60	9.41	24	10.6320902	310	2.30	11.72
26	9.6035727	405	1.60	10.11	26	10.6531558	240	2.70	12.07
28	9.6212185	340	1.50	10.04	28	10.6745861	260	2.00	10.77
30	9.6391656	280	1.40	8.00	30	10.6963859	220	1.40	11.22
32	9.6574156	215	1.10	7.45	32	10.7185600	100	1.50	10.06
34	9.6750700	135	0.94	6.56	34	10.7411135		0.78	8.96
36	9.6948301	75	0.70	5.64	36	10.7640517		0.75	7.79
38	9.7139973		0.30	5.27	38	10.7873802			7.79
40	9.7334730		0.09	4.15	40	10.8111046			4.99
42	9.7532586			2.21	42	10.8352307			3.74
44	9.7733552			1.65	44	10.8597648			2.10