

DIOPTERS REFERENCE: INCHES/MILLIMETERS



SOURCE: ZYGO CORP. AND DYNASIL CORP.

REFRACTIVE INDEX =								
1.53								
DIOPTERS	INCHES	MILLIMETERS	DIOPTERS	INCHES	MILLIMETERS	DIOPTERS	INCHES	MILLIMETERS
0.125	166.929	4240.000	6.625	3.150	80.000	13.375	1.560	39.626
0.250	83.465	2120.000	6.750	3.091	78.519	13.500	1.546	39.259
0.375	55.643	1413.333	6.875	3.035	77.091	13.625	1.531	38.899
0.500	41.732	1060.000	7.000	2.981	75.714	13.750	1.518	38.545
0.625	33.386	848.000	7.125	2.929	74.386	13.875	1.504	38.198
0.750	27.822	706.667	7.250	2.878	73.103	14.000	1.490	37.857
0.875	23.847	605.714	7.375	2.829	71.864	14.125	1.477	37.522
1.000	20.866	530.000	7.500	2.782	70.667	14.250	1.464	37.193
1.125	18.548	471.111	7.625	2.737	69.508	14.375	1.452	36.870
1.250	16.693	424.000	7.750	2.692	68.387	14.500	1.439	36.552
1.375	15.175	385.455	7.875	2.650	67.302	14.625	1.427	36.239
1.500	13.911	353.333	8.000	2.608	66.250	14.750	1.415	35.932
1.625	12.841	326.154	8.125	2.568	65.231	14.875	1.403	35.630
1.750	11.924	302.857	8.250	2.529	64.242	15.000	1.391	35.333
1.875	11.129	282.667	8.375	2.491	63.284	15.250	1.368	34.754
2.000	10.433	265.000	8.500	2.455	62.353	15.500	1.346	34.194
2.125	9.819	249.412	8.625	2.419	61.449	15.750	1.325	33.651
2.250	9.274	235.556	8.750	2.385	60.571	16.000	1.304	33.125
2.375	8.786	223.158	8.875	2.351	59.718	16.250	1.284	32.615
2.500	8.346	212.000	9.000	2.318	58.889	16.500	1.265	32.121
2.625	7.949	201.905	9.125	2.287	58.082	16.750	1.246	31.642
2.750	7.588	192.727	9.250	2.256	57.297	17.000	1.227	31.176
2.875	7.258	184.348	9.375	2.226	56.533	17.250	1.210	30.725
3.000	6.955	176.667	9.500	2.196	55.789	17.500	1.192	30.286
3.125	6.677	169.600	9.625	2.168	55.065	17.750	1.176	29.859
3.250	6.420	163.077	9.750	2.140	54.359	18.000	1.159	29.444
3.375	6.183	157.037	9.875	2.113	53.671	18.250	1.143	29.041
3.500	5.962	151.429	10.000	2.087	53.000	18.500	1.128	28.649
3.625	5.756	146.207	10.125	2.061	52.346	18.750	1.113	28.267
3.750	5.564	141.333	10.250	2.036	51.707	19.000	1.098	27.895
3.875	5.385	135.774	10.375	2.011	51.084	19.250	1.084	27.532
4.000	5.217	132.500	10.500	1.987	50.476	19.500	1.070	27.179
4.125	5.058	128.485	10.625	1.964	49.882	19.750	1.057	26.835
4.250	4.910	124.706	10.750	1.941	49.302	20.000	1.043	26.500
4.375	4.769	121.143	10.875	1.919	48.736	20.250	1.030	26.173
4.500	4.637	117.778	11.000	1.897	48.182	20.500	1.018	25.854
4.625	4.512	114.595	11.125	1.876	48.640	20.750	1.006	25.542
4.750	4.393	111.579	11.250	1.855	47.111	21.000	0.994	25.238
4.875	4.280	108.718	11.375	1.834	46.593	21.250	0.982	24.941
5.000	4.173	106.000	11.500	1.814	46.087	21.500	0.971	24.651
5.125	4.071	103.415	11.625	1.795	45.591	21.750	0.959	24.368
5.250	3.975	100.952	11.750	1.776	45.106	22.000	0.948	24.091
5.375	3.882	98.605	11.875	1.757	44.632	22.250	0.938	23.820
5.500	3.794	96.364	12.000	1.739	44.167	22.500	0.927	23.556
5.625	3.710	94.222	12.125	1.721	43.711	22.750	0.917	23.297
5.750	3.629	92.174	12.250	1.703	43.265	23.000	0.907	23.043
5.875	3.552	90.213	12.375	1.686	42.828	23.250	0.897	22.796
6.000	3.478	88.333	12.500	1.669	42.400	23.500	0.888	22.553
6.125	3.407	86.531	12.625	1.653	41.980	23.750	0.879	22.316
6.250	3.339	84.800	12.750	1.637	41.569	24.000	0.869	22.083
6.375	3.273	83.137	12.875	1.621	41.165	24.250	0.860	22.856
6.500	3.210	80.000	13.000	1.605	40.769	24.500	0.852	21.633
			13.125	1.590	40.381	24.750	0.843	21.414