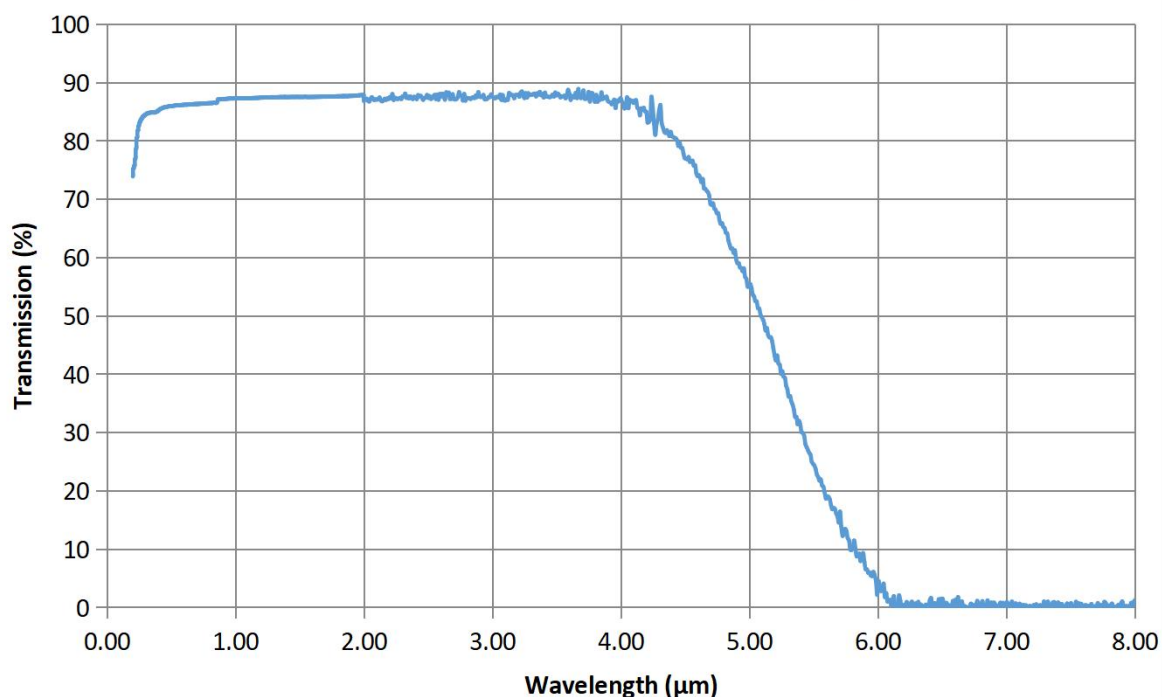


Transmission of Uncoated Sapphire



Product Raw Data

Transmission of Uncoated Sapphire

免责声明：此处提供的数据是典型的。不同批次的性能数据会有轻微变化。有关此数据的使用或可靠性的任何问题，请联系技术支持。

附件

这是厚度为5mm无涂层蓝宝石窗口在垂直入射时的总透射率测量值。厚度为3mm无涂层蓝宝石窗口的性能将与之相似。

Transmission of Uncoated Sapphire

Wavelength (μm)	Transmission (%)
0.2	73.90371
0.201	74.18118
0.202	74.47189
0.203	74.68435
0.204	74.90527
0.205	75.07211
0.206	75.17048
0.207	75.26649
0.208	75.37065
0.209	75.41704
0.21	75.51437
0.211	75.55197
0.212	75.59694
0.213	75.68297
0.214	75.76485
0.215	75.82274
0.216	75.97829
0.217	76.09634
0.218	76.25661
0.219	76.46416
0.22	76.70877
0.221	76.90806

0.222	77.18733
0.223	77.47236
0.224	77.75409
0.225	78.0764
0.226	78.371
0.227	78.62019
0.228	78.94685
0.229	79.23318
0.23	79.4871
0.231	79.78587
0.232	80.02189
0.233	80.22434
0.234	80.5179
0.235	80.71904
0.236	80.91012
0.237	81.14426
0.238	81.29211
0.239	81.4108
0.24	81.62392
0.241	81.77156
0.242	81.88973
0.243	82.06642
0.244	82.19614
0.245	82.25387
0.246	82.39988
0.247	82.51385
0.248	82.56736
0.249	82.70369
0.25	82.8069
0.251	82.81988
0.252	82.95024
0.253	83.00655
0.254	83.05089
0.255	83.13658
0.256	83.21583
0.257	83.22643
0.258	83.30244
0.259	83.35025
0.26	83.384
0.261	83.45866
0.262	83.52003
0.263	83.51216
0.264	83.58792
0.265	83.6734
0.266	83.65404
0.267	83.73248
0.268	83.74703
0.269	83.74333
0.27	83.78429
0.271	83.87626
0.272	83.8662
0.273	83.94169

0. 274	83. 95227
0. 275	83. 94271
0. 276	84. 04023
0. 277	84. 03971
0. 278	84. 07641
0. 279	84. 10425
0. 28	84. 14766
0. 281	84. 10126
0. 282	84. 20361
0. 283	84. 20922
0. 284	84. 20676
0. 285	84. 23423
0. 286	84. 23365
0. 287	84. 22662
0. 288	84. 33304
0. 289	84. 3154
0. 29	84. 31576
0. 291	84. 39665
0. 292	84. 39893
0. 293	84. 33732
0. 294	84. 42395
0. 295	84. 40278
0. 296	84. 42404
0. 297	84. 42889
0. 298	84. 48144
0. 299	84. 44651
0. 3	84. 49437
0. 301	84. 49458
0. 302	84. 54175
0. 303	84. 54502
0. 304	84. 61538
0. 305	84. 59418
0. 306	84. 6071
0. 307	84. 60586
0. 308	84. 61114
0. 309	84. 65266
0. 31	84. 6831
0. 311	84. 63357
0. 312	84. 69969
0. 313	84. 71526
0. 314	84. 70557
0. 315	84. 75466
0. 316	84. 74602
0. 317	84. 7188
0. 318	84. 77448
0. 319	84. 75564
0. 32	84. 72709
0. 321	84. 75773
0. 322	84. 75586
0. 323	84. 74145
0. 324	84. 77899
0. 325	84. 75771

0.326	84.77399
0.327	84.78391
0.328	84.81103
0.329	84.77887
0.33	84.85535
0.331	84.84568
0.332	84.8245
0.333	84.84886
0.334	84.85715
0.335	84.8203
0.336	84.83473
0.337	84.84453
0.338	84.86056
0.339	84.86981
0.34	84.87885
0.341	84.82662
0.342	84.87115
0.343	84.86678
0.344	84.83043
0.345	84.87916
0.346	84.85983
0.347	84.83335
0.348	84.86667
0.349	84.86412
0.35	84.83585
0.351	84.85352
0.352	84.84161
0.353	84.80904
0.354	84.87679
0.355	84.85838
0.356	84.84588
0.357	84.86772
0.358	84.85472
0.359	84.81732
0.36	84.85955
0.361	84.85433
0.362	84.82393
0.363	84.86477
0.364	84.86149
0.365	84.80985
0.366	84.8431
0.367	84.84616
0.368	84.86143
0.369	84.9008
0.37	84.84887
0.371	84.83277
0.372	84.87989
0.373	84.85906
0.374	84.86964
0.375	84.88519
0.376	84.87234
0.377	84.87321

0.378	84.9123
0.379	84.96185
0.38	84.95015
0.381	84.92311
0.382	84.9679
0.383	84.98001
0.384	84.98364
0.385	85.02933
0.386	84.99398
0.387	84.99586
0.388	85.02918
0.389	85.04818
0.39	85.05117
0.391	85.0646
0.392	85.04488
0.393	85.0662
0.394	85.13344
0.395	85.11979
0.396	85.1324
0.397	85.16168
0.398	85.17682
0.399	85.15914
0.4	85.21169
0.401	85.20937
0.402	85.22964
0.403	85.29087
0.404	85.27144
0.405	85.27047
0.406	85.3152
0.407	85.33317
0.408	85.34169
0.409	85.38158
0.41	85.34934
0.411	85.36433
0.412	85.40925
0.413	85.40709
0.414	85.4133
0.415	85.45875
0.416	85.44527
0.417	85.44045
0.418	85.49108
0.419	85.50302
0.42	85.50298
0.421	85.54987
0.422	85.51453
0.423	85.52304
0.424	85.5321
0.425	85.55812
0.426	85.5689
0.427	85.60976
0.428	85.58716
0.429	85.58017

0.43	85.62984
0.431	85.63058
0.432	85.65144
0.433	85.66532
0.434	85.64992
0.435	85.64835
0.436	85.67771
0.437	85.6658
0.438	85.68522
0.439	85.71585
0.44	85.69078
0.441	85.68917
0.442	85.73213
0.443	85.72402
0.444	85.71598
0.445	85.75811
0.446	85.73206
0.447	85.72858
0.448	85.77233
0.449	85.7618
0.45	85.75728
0.451	85.7869
0.452	85.76398
0.453	85.75707
0.454	85.79554
0.455	85.78738
0.456	85.79465
0.457	85.81562
0.458	85.79608
0.459	85.80205
0.46	85.82338
0.461	85.82148
0.462	85.83551
0.463	85.85381
0.464	85.82967
0.465	85.83354
0.466	85.85396
0.467	85.82604
0.468	85.83651
0.469	85.86962
0.47	85.84027
0.471	85.83764
0.472	85.87178
0.473	85.87237
0.474	85.87754
0.475	85.90574
0.476	85.88366
0.477	85.87284
0.478	85.90751
0.479	85.89765
0.48	85.90552
0.481	85.92916

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0.483	85.89007
0.484	85.92422
0.485	85.92363
0.486	85.92581
0.487	85.9128
0.488	85.89357
0.489	85.90353
0.49	85.93949
0.491	85.92775
0.492	85.93911
0.493	85.97342
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0.496	85.95981
0.497	85.9405
0.498	85.9624
0.499	85.97488
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0.501	85.93833
0.502	85.96567
0.503	85.9578
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0.505	85.96895
0.506	85.92634
0.507	85.96967
0.508	85.98666
0.509	85.96532
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0.511	86.00392
0.512	85.97887
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0.514	85.994
0.515	85.99405
0.516	86.01479
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0.518	85.98585
0.519	86.00721
0.52	86.03481
0.521	86.01111
0.522	86.03564
0.523	86.04151
0.524	86.01205
0.525	86.02292
0.526	86.04887
0.527	86.03734
0.528	86.04889
0.529	86.05654
0.53	86.02849
0.531	86.0523
0.532	86.06613
0.533	86.05393

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0.535	86.07998
0.536	86.04878
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0.538	86.07351
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0.54	86.08796
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0.548	86.0634
0.549	86.08394
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0.551	86.07281
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0.553	86.12476
0.554	86.07552
0.555	86.08162
0.556	86.10792
0.557	86.10452
0.558	86.13001
0.559	86.11895
0.56	86.09174
0.561	86.09616
0.562	86.08169
0.563	86.11433
0.564	86.14461
0.565	86.11713
0.566	86.13665
0.567	86.13024
0.568	86.07994
0.569	86.12574
0.57	86.14326
0.571	86.12558
0.572	86.12155
0.573	86.11827
0.574	86.07777
0.575	86.12659
0.576	86.12919
0.577	86.11437
0.578	86.13988
0.579	86.16553
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0.581	86.13336
0.582	86.15216
0.583	86.13527
0.584	86.16897
0.585	86.14372

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0.587	86.14358
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0.591	86.11309
0.592	86.12595
0.593	86.16002
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0.595	86.1635
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0.598	86.13163
0.599	86.15558
0.6	86.17586
0.601	86.16074
0.602	86.19108
0.603	86.17534
0.604	86.15205
0.605	86.16471
0.606	86.18691
0.607	86.1492
0.608	86.21905
0.609	86.21425
0.61	86.18724
0.611	86.19041
0.612	86.21709
0.613	86.19276
0.614	86.22732
0.615	86.1654
0.616	86.15498
0.617	86.181
0.618	86.19825
0.619	86.16365
0.62	86.21181
0.621	86.22857
0.622	86.16779
0.623	86.1943
0.624	86.20705
0.625	86.19996
0.626	86.23453
0.627	86.22265
0.628	86.1626
0.629	86.22181
0.63	86.22893
0.631	86.2024
0.632	86.2381
0.633	86.23149
0.634	86.19258
0.635	86.22658
0.636	86.24635
0.637	86.19156

0. 638	86. 23846
0. 639	86. 24978
0. 64	86. 20321
0. 641	86. 22911
0. 642	86. 2445
0. 643	86. 24802
0. 644	86. 27972
0. 645	86. 25928
0. 646	86. 22317
0. 647	86. 24825
0. 648	86. 25686
0. 649	86. 24337
0. 65	86. 26427
0. 651	86. 24218
0. 652	86. 204
0. 653	86. 25816
0. 654	86. 25123
0. 655	86. 252
0. 656	86. 25149
0. 657	86. 26786
0. 658	86. 20921
0. 659	86. 28375
0. 66	86. 25983
0. 661	86. 24044
0. 662	86. 27787
0. 663	86. 28466
0. 664	86. 23771
0. 665	86. 29607
0. 666	86. 27944
0. 667	86. 24626
0. 668	86. 3045
0. 669	86. 29902
0. 67	86. 24244
0. 671	86. 28433
0. 672	86. 29134
0. 673	86. 27149
0. 674	86. 29872
0. 675	86. 27323
0. 676	86. 26472
0. 677	86. 30331
0. 678	86. 29379
0. 679	86. 28571
0. 68	86. 28436
0. 681	86. 34372
0. 682	86. 25495
0. 683	86. 30555
0. 684	86. 31086
0. 685	86. 26461
0. 686	86. 34317
0. 687	86. 26499
0. 688	86. 28167
0. 689	86. 30392

0. 69	86. 30862
0. 691	86. 26761
0. 692	86. 33538
0. 693	86. 32639
0. 694	86. 26368
0. 695	86. 31187
0. 696	86. 32578
0. 697	86. 30358
0. 698	86. 34559
0. 699	86. 34462
0. 7	86. 27333
0. 701	86. 33079
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0. 703	86. 30325
0. 704	86. 32476
0. 705	86. 32781
0. 706	86. 26196
0. 707	86. 3445
0. 708	86. 32121
0. 709	86. 33384
0. 71	86. 37059
0. 711	86. 36425
0. 712	86. 29315
0. 713	86. 34408
0. 714	86. 34064
0. 715	86. 30031
0. 716	86. 34494
0. 717	86. 34035
0. 718	86. 31907
0. 719	86. 32932
0. 72	86. 35035
0. 721	86. 32785
0. 722	86. 38734
0. 723	86. 34935
0. 724	86. 30901
0. 725	86. 34549
0. 726	86. 33658
0. 727	86. 33758
0. 728	86. 38012
0. 729	86. 38451
0. 73	86. 31596
0. 731	86. 37508
0. 732	86. 34772
0. 733	86. 38317
0. 734	86. 37441
0. 735	86. 34638
0. 736	86. 34629
0. 737	86. 40053
0. 738	86. 38469
0. 739	86. 37284
0. 74	86. 39079
0. 741	86. 37657

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0.743	86.37185
0.744	86.37433
0.745	86.34576
0.746	86.39528
0.747	86.38911
0.748	86.359
0.749	86.36764
0.75	86.39209
0.751	86.36345
0.752	86.40971
0.753	86.40316
0.754	86.35033
0.755	86.39286
0.756	86.38099
0.757	86.37258
0.758	86.39935
0.759	86.40272
0.76	86.35757
0.761	86.41415
0.762	86.41565
0.763	86.41262
0.764	86.40882
0.765	86.41824
0.766	86.36257
0.767	86.4165
0.768	86.3935
0.769	86.39913
0.77	86.42781
0.771	86.4016
0.772	86.3965
0.773	86.4158
0.774	86.4031
0.775	86.39178
0.776	86.44834
0.777	86.37391
0.778	86.41256
0.779	86.4147
0.78	86.39033
0.781	86.4069
0.782	86.45535
0.783	86.43031
0.784	86.38995
0.785	86.41669
0.786	86.41397
0.787	86.42106
0.788	86.45422
0.789	86.45874
0.79	86.42004
0.791	86.46849
0.792	86.45149
0.793	86.45283

0.794	86.45753
0.795	86.46246
0.796	86.47947
0.797	86.50204
0.798	86.47944
0.799	86.47429
0.8	86.47561
0.801	86.46149
0.802	86.47039
0.803	86.47571
0.804	86.4464
0.805	86.41602
0.806	86.45897
0.807	86.47417
0.808	86.44614
0.809	86.445
0.81	86.44414
0.811	86.44096
0.812	86.45897
0.813	86.45536
0.814	86.46225
0.815	86.50413
0.816	86.48147
0.817	86.44251
0.818	86.50811
0.819	86.48714
0.82	86.47279
0.821	86.48779
0.822	86.48283
0.823	86.48314
0.824	86.50663
0.825	86.48384
0.826	86.48158
0.827	86.50465
0.828	86.49192
0.829	86.49841
0.83	86.53038
0.831	86.49651
0.832	86.50029
0.833	86.56023
0.834	86.54301
0.835	86.55414
0.836	86.55632
0.837	86.51536
0.838	86.51632
0.839	86.549
0.84	86.52481
0.841	86.54273
0.842	86.57081
0.843	86.56852
0.844	86.58064
0.845	86.54888

0.846	86.49241
0.847	86.49493
0.848	86.52295
0.849	86.55031
0.85	86.61067
0.851	86.58481
0.852	86.50986
0.853	86.52372
0.854	86.5353
0.855	86.51803
0.856	86.53521
0.857	86.52397
0.858	86.5805
0.859	86.52146
0.86	86.74816
0.861	87.11106
0.862	87.07824
0.863	87.0832
0.864	87.10834
0.865	87.12011
0.866	87.10325
0.867	87.12325
0.868	87.11387
0.869	87.09001
0.87	87.1068
0.871	87.10315
0.872	87.09391
0.873	87.10069
0.874	87.10946
0.875	87.11102
0.876	87.11285
0.877	87.10865
0.878	87.10683
0.879	87.1094
0.88	87.12269
0.881	87.12756
0.882	87.12323
0.883	87.132
0.884	87.15677
0.885	87.13742
0.886	87.10358
0.887	87.12883
0.888	87.15142
0.889	87.13948
0.89	87.13149
0.891	87.14521
0.892	87.15123
0.893	87.14161
0.894	87.13906
0.895	87.15208
0.896	87.18664
0.897	87.1974

0.898	87.16867
0.899	87.14974
0.9	87.15988
0.901	87.18227
0.902	87.18094
0.903	87.18195
0.904	87.17799
0.905	87.17231
0.906	87.18143
0.907	87.17938
0.908	87.17874
0.909	87.18984
0.91	87.19549
0.911	87.18675
0.912	87.18841
0.913	87.18442
0.914	87.18499
0.915	87.1845
0.916	87.19503
0.917	87.19715
0.918	87.19144
0.919	87.19443
0.92	87.18741
0.921	87.18545
0.922	87.19624
0.923	87.19972
0.924	87.18207
0.925	87.1827
0.926	87.20361
0.927	87.21053
0.928	87.21788
0.929	87.21603
0.93	87.2159
0.931	87.21291
0.932	87.21696
0.933	87.21419
0.934	87.21002
0.935	87.21619
0.936	87.22656
0.937	87.22789
0.938	87.23774
0.939	87.24571
0.94	87.23974
0.941	87.22704
0.942	87.24045
0.943	87.2496
0.944	87.24115
0.945	87.24381
0.946	87.21916
0.947	87.22538
0.948	87.22424
0.949	87.23855

0.95	87.24166
0.951	87.24236
0.952	87.24441
0.953	87.24108
0.954	87.24006
0.955	87.26253
0.956	87.26691
0.957	87.26578
0.958	87.25713
0.959	87.2579
0.96	87.25348
0.961	87.2547
0.962	87.24264
0.963	87.23685
0.964	87.23896
0.965	87.24587
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7.11167	0.23671
7.12122	0.4238
7.1315	0.46132
7.14178	0.33394
7.15132	0.40152
7.1616	0.17709
7.17114	0.17792
7.18141	0.30255
7.19168	0.00897
7.20121	0.018
7.21148	0.44853
7.22101	0.16603
7.23128	0.57125
7.24154	0.05284
7.25107	0.204
7.26133	0.42816
7.27085	0.06952
7.28111	0.01791
7.29136	1.05815
7.30088	0.09715
7.31113	0.31714
7.32138	1.03567
7.33089	0.43431
7.34114	0.11276
7.35138	0.24913
7.36089	0.90319
7.37113	0.95708
7.38137	0.53346
7.39088	0.1777
7.40111	0.89843
7.41135	0.12831
7.42085	0.58362
7.43108	0.60038
7.44057	0.01943
7.4508	0.05533
7.46103	0.24744
7.47052	0.71177
7.48074	0.33712
7.49096	0.10997
7.50118	0.77066
7.51066	0.08784
7.52088	0.248
7.53109	0.2541
7.54057	1.01284
7.55078	0.18023
7.56099	0.74476
7.57046	0.32404
7.58067	0.66297
7.59087	0.03189
7.60034	0.27522

7. 61054	0. 42062
7. 62073	0. 39412
7. 63093	0. 06496
7. 64039	0. 2939
7. 65059	0. 32125
7. 66077	0. 62562
7. 67023	0. 05031
7. 68042	0. 17914
7. 6906	0. 25252
7. 70079	0. 31628
7. 71024	0. 78162
7. 72042	0. 17229
7. 7306	0. 42913
7. 74077	0. 37197
7. 75022	0. 09936
7. 76039	0. 99169
7. 77056	0. 83688
7. 78072	0. 46542
7. 79016	0. 32757
7. 80033	0. 15331
7. 81049	0. 45199
7. 82065	0. 69434
7. 83008	0. 15646
7. 84024	0. 0401
7. 8504	0. 17484
7. 86055	0. 27142
7. 86997	0. 45452
7. 88012	0. 12852
7. 89027	0. 71089
7. 90042	1. 06264
7. 90984	0. 20519
7. 91998	0. 03143
7. 93012	0. 29321
7. 94026	0. 13317
7. 95039	0. 24884
7. 9598	0. 2546
7. 96994	0. 81714
7. 98007	0. 1801
7. 99019	0. 994
8. 00032	1. 332