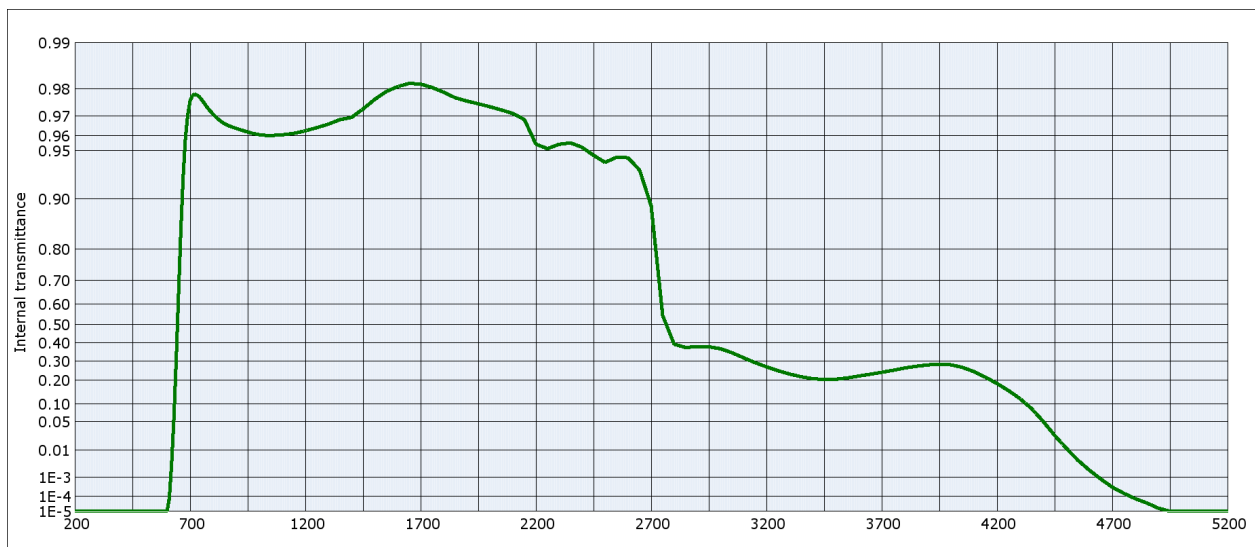


50mm SCHOTT RG645 LONGPASS RED FILTER 3mm thick

<https://www.galvoptics.co.uk/optical-components/optical-filters/schott-longpass-filters/>

Please CLICK link above to buy ONLINE

RG645



Internal transmittance τ_i at reference thickness $d = 3$ mm
 The internal transmittance values, tabulated and graphically represented, are reference values only

λ [nm]	τ_i	λ [nm]	τ_i	λ [nm]	τ_i	λ [nm]	τ_i	λ [nm]	τ_i	λ [nm]	τ_i
200	$< 10^{-5}$	500	$< 10^{-5}$	800	0.971	1100	0.960	2200	0.955	3700	0.240
210	$< 10^{-5}$	510	$< 10^{-5}$	810	0.970	1110	0.961	2250	0.952	3750	0.250
220	$< 10^{-5}$	520	$< 10^{-5}$	820	0.969	1120	0.961	2300	0.955	3800	0.262
230	$< 10^{-5}$	530	$< 10^{-5}$	830	0.968	1130	0.961	2350	0.956	3850	0.271
240	$< 10^{-5}$	540	$< 10^{-5}$	840	0.967	1140	0.961	2400	0.953	3900	0.279
250	$< 10^{-5}$	550	$< 10^{-5}$	850	0.966	1150	0.961	2450	0.947	3950	0.283
260	$< 10^{-5}$	560	$< 10^{-5}$	860	0.966	1160	0.962	2500	0.941	4000	0.279
270	$< 10^{-5}$	570	$< 10^{-5}$	870	0.965	1170	0.962	2550	0.945	4050	0.266
280	$< 10^{-5}$	580	$< 10^{-5}$	880	0.965	1180	0.962	2600	0.945	4100	0.244
290	$< 10^{-5}$	590	$< 10^{-5}$	890	0.964	1190	0.962	2650	0.934	4150	0.215
300	$< 10^{-5}$	600	$< 10^{-5}$	900	0.964	1200	0.963	2700	0.889	4200	0.184
310	$< 10^{-5}$	610	$7.6 \cdot 10^{-5}$	910	0.964	1250	0.964	2750	0.544	4250	0.153
320	$< 10^{-5}$	620	$3.6 \cdot 10^{-3}$	920	0.963	1300	0.966	2800	0.392	4300	0.120
330	$< 10^{-5}$	630	$6.1 \cdot 10^{-2}$	930	0.963	1350	0.968	2850	0.374	4350	$8.5 \cdot 10^{-2}$
340	$< 10^{-5}$	640	0.311	940	0.962	1400	0.969	2900	0.379	4400	$5.1 \cdot 10^{-2}$
350	$< 10^{-5}$	650	0.645	950	0.962	1450	0.973	2950	0.378	4450	$2.5 \cdot 10^{-2}$
360	$< 10^{-5}$	660	0.845	960	0.962	1500	0.977	3000	0.367	4500	$1.2 \cdot 10^{-2}$
370	$< 10^{-5}$	670	0.927	970	0.961	1550	0.979	3050	0.346	4550	$4.8 \cdot 10^{-3}$
380	$< 10^{-5}$	680	0.959	980	0.961	1600	0.981	3100	0.318	4600	$2.0 \cdot 10^{-3}$
390	$< 10^{-5}$	690	0.971	990	0.961	1650	0.982	3150	0.291	4650	$8.3 \cdot 10^{-4}$
400	$< 10^{-5}$	700	0.976	1000	0.961	1700	0.981	3200	0.269	4700	$3.3 \cdot 10^{-4}$
410	$< 10^{-5}$	710	0.978	1010	0.960	1750	0.980	3250	0.248	4750	$1.5 \cdot 10^{-4}$
420	$< 10^{-5}$	720	0.978	1020	0.960	1800	0.979	3300	0.231	4800	$7.3 \cdot 10^{-5}$
430	$< 10^{-5}$	730	0.978	1030	0.960	1850	0.977	3350	0.218	4850	$3.8 \cdot 10^{-5}$
440	$< 10^{-5}$	740	0.977	1040	0.960	1900	0.976	3400	0.208	4900	$1.7 \cdot 10^{-5}$
450	$< 10^{-5}$	750	0.977	1050	0.960	1950	0.975	3450	0.204	4950	$< 10^{-5}$
460	$< 10^{-5}$	760	0.975	1060	0.960	2000	0.974	3500	0.205	5000	$< 10^{-5}$
470	$< 10^{-5}$	770	0.974	1070	0.960	2050	0.973	3550	0.211	5050	$< 10^{-5}$
480	$< 10^{-5}$	780	0.973	1080	0.960	2100	0.971	3600	0.221	5100	$< 10^{-5}$
490	$< 10^{-5}$	790	0.972	1090	0.960	2150	0.968	3650	0.230	5150	$< 10^{-5}$