

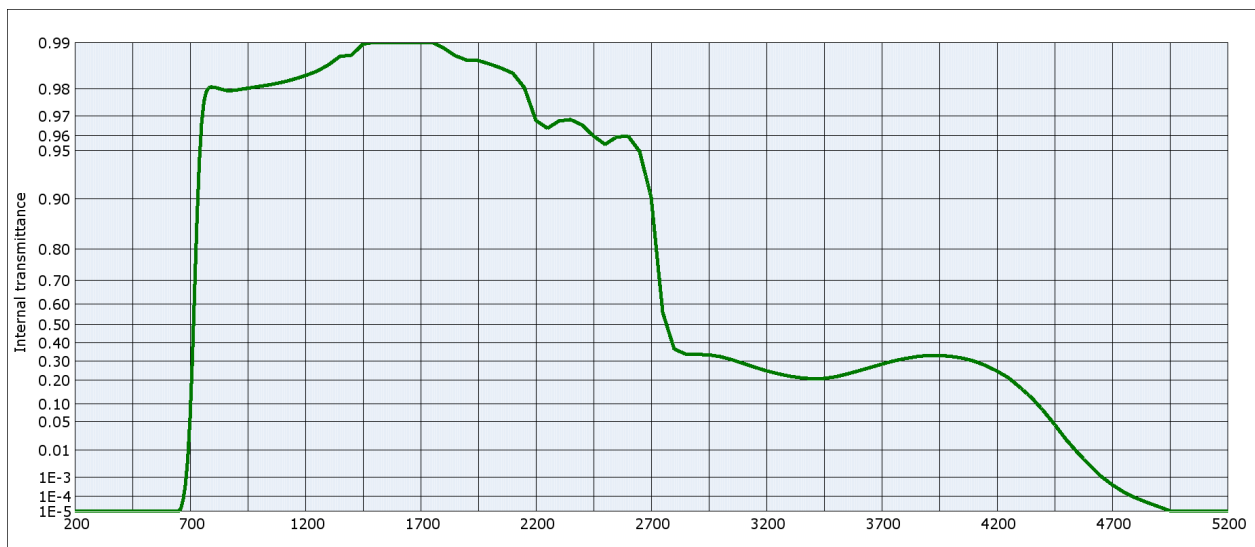


# 50mm SCHOTT RG715 LONGPASS FILTER 3mm thick

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

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## RG715



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

$\lambda$ [nm]	$\tau_i$	$\lambda$ [nm]	$\tau_i$	$\lambda$ [nm]	$\tau_i$	$\lambda$ [nm]	$\tau_i$	$\lambda$ [nm]	$\tau_i$	$\lambda$ [nm]	$\tau_i$
200	$< 10^{-5}$	500	$< 10^{-5}$	800	0.980	1100	0.982	2200	0.968	3700	0.283
210	$< 10^{-5}$	510	$< 10^{-5}$	810	0.980	1110	0.982	2250	0.964	3750	0.300
220	$< 10^{-5}$	520	$< 10^{-5}$	820	0.980	1120	0.982	2300	0.968	3800	0.313
230	$< 10^{-5}$	530	$< 10^{-5}$	830	0.980	1130	0.982	2350	0.968	3850	0.323
240	$< 10^{-5}$	540	$< 10^{-5}$	840	0.980	1140	0.982	2400	0.966	3900	0.330
250	$< 10^{-5}$	550	$< 10^{-5}$	850	0.980	1150	0.983	2450	0.960	3950	0.330
260	$< 10^{-5}$	560	$< 10^{-5}$	860	0.979	1160	0.983	2500	0.954	4000	0.325
270	$< 10^{-5}$	570	$< 10^{-5}$	870	0.979	1170	0.983	2550	0.959	4050	0.315
280	$< 10^{-5}$	580	$< 10^{-5}$	880	0.979	1180	0.983	2600	0.960	4100	0.299
290	$< 10^{-5}$	590	$< 10^{-5}$	890	0.980	1190	0.983	2650	0.949	4150	0.276
300	$< 10^{-5}$	600	$< 10^{-5}$	900	0.980	1200	0.984	2700	0.902	4200	0.246
310	$< 10^{-5}$	610	$< 10^{-5}$	910	0.980	1250	0.985	2750	0.560	4250	0.212
320	$< 10^{-5}$	620	$< 10^{-5}$	920	0.980	1300	0.986	2800	0.365	4300	0.167
330	$< 10^{-5}$	630	$< 10^{-5}$	930	0.980	1350	0.988	2850	0.338	4350	0.124
340	$< 10^{-5}$	640	$< 10^{-5}$	940	0.980	1400	0.988	2900	0.336	4400	$8.0 \cdot 10^{-2}$
350	$< 10^{-5}$	650	$< 10^{-5}$	950	0.980	1450	0.990	2950	0.334	4450	$4.4 \cdot 10^{-2}$
360	$< 10^{-5}$	660	$1.6 \cdot 10^{-5}$	960	0.980	1500	0.992	3000	0.324	4500	$2.0 \cdot 10^{-2}$
370	$< 10^{-5}$	670	$6.3 \cdot 10^{-5}$	970	0.980	1550	0.993	3050	0.307	4550	$8.4 \cdot 10^{-3}$
380	$< 10^{-5}$	680	$4.5 \cdot 10^{-4}$	980	0.980	1600	0.993	3100	0.286	4600	$3.3 \cdot 10^{-3}$
390	$< 10^{-5}$	690	$5.4 \cdot 10^{-3}$	990	0.981	1650	0.993	3150	0.266	4650	$1.1 \cdot 10^{-3}$
400	$< 10^{-5}$	700	$5.9 \cdot 10^{-2}$	1000	0.981	1700	0.992	3200	0.248	4700	$4.4 \cdot 10^{-4}$
410	$< 10^{-5}$	710	0.311	1010	0.981	1750	0.990	3250	0.233	4750	$1.8 \cdot 10^{-4}$
420	$< 10^{-5}$	720	0.666	1020	0.981	1800	0.989	3300	0.220	4800	$8.3 \cdot 10^{-5}$
430	$< 10^{-5}$	730	0.866	1030	0.981	1850	0.988	3350	0.212	4850	$4.2 \cdot 10^{-5}$
440	$< 10^{-5}$	740	0.941	1040	0.981	1900	0.987	3400	0.207	4900	$2.2 \cdot 10^{-5}$
450	$< 10^{-5}$	750	0.967	1050	0.981	1950	0.987	3450	0.209	4950	$1.1 \cdot 10^{-5}$
460	$< 10^{-5}$	760	0.976	1060	0.981	2000	0.986	3500	0.217	5000	$< 10^{-5}$
470	$< 10^{-5}$	770	0.979	1070	0.981	2050	0.985	3550	0.231	5050	$< 10^{-5}$
480	$< 10^{-5}$	780	0.980	1080	0.982	2100	0.984	3600	0.248	5100	$< 10^{-5}$
490	$< 10^{-5}$	790	0.981	1090	0.982	2150	0.980	3650	0.265	5150	$< 10^{-5}$