

Typical Measured Spectrum of Semrock FF01-593/40 Optical Filter

For wavelengths between 320 and 1120 nm, values near or below $3e-7$ (Optical Density 6.5) are measurement noise limited.

For wavelengths < 320 nm and > 1120 nm, values near or below $3e-6$ (Optical Density 5.5) are measurement noise limited.

Data format: Wavelength (nm) <tab> Transmission (0 to 1)

300.0	2.9232e-07
300.2	3.2598e-07
300.4	3.6352e-07
300.6	4.0537e-07
300.8	4.5205e-07
301.0	5.041e-07
301.2	5.6214e-07
301.4	6.2687e-07
301.6	6.9905e-07
301.8	7.7954e-07
302.0	8.8971e-07
302.2	1.0156e-06
302.4	1.1592e-06
302.6	1.3232e-06
302.8	1.5104e-06
303.0	1.724e-06
303.2	1.9679e-06
303.4	2.2462e-06
303.6	2.564e-06
303.8	2.9267e-06
304.0	2.3912e-06
304.2	1.7828e-06
304.4	1.3292e-06
304.6	9.91e-07
304.8	7.3885e-07
305.0	5.5086e-07
305.2	4.107e-07
305.4	3.062e-07
305.6	2.2829e-07
305.8	1.7021e-07
306.0	1.4967e-07
306.2	1.487e-07
306.4	1.4773e-07
306.6	1.4677e-07
306.8	1.4581e-07
307.0	1.4486e-07
307.2	1.4391e-07
307.4	1.4298e-07
307.6	1.4204e-07
307.8	1.4112e-07
308.0	1.4611e-07
308.2	1.623e-07
308.4	1.8029e-07
308.6	2.0027e-07
308.8	2.2246e-07
309.0	2.4711e-07
309.2	2.7449e-07

309.4 3.0491e-07
309.6 3.387e-07
309.8 3.7624e-07
310.0 4.1063e-07
310.2 3.6599e-07
310.4 3.2621e-07
310.6 2.9075e-07
310.8 2.5914e-07
311.0 2.3097e-07
311.2 2.0586e-07
311.4 1.8348e-07
311.6 1.6353e-07
311.8 1.4576e-07
312.0 1.4379e-07
312.2 1.4222e-07
312.4 1.4067e-07
312.6 1.3914e-07
312.8 1.3762e-07
313.0 1.3612e-07
313.2 1.3464e-07
313.4 1.3317e-07
313.6 1.3172e-07
313.8 1.3028e-07
314.0 1.2975e-07
314.2 1.2949e-07
314.4 1.2923e-07
314.6 1.2897e-07
314.8 1.2871e-07
315.0 1.2845e-07
315.2 1.2819e-07
315.4 1.2793e-07
315.6 1.2768e-07
315.8 1.2742e-07
316.0 1.3495e-07
316.2 1.4961e-07
316.4 1.6586e-07
316.6 1.8387e-07
316.8 2.0384e-07
317.0 2.2598e-07
317.2 2.5053e-07
317.4 2.7774e-07
317.6 3.0791e-07
317.8 3.4136e-07
318.0 3.8058e-07
318.2 4.2849e-07
318.4 4.8243e-07
318.6 5.4317e-07
318.8 6.1155e-07
319.0 6.8854e-07
319.2 7.7522e-07
319.4 8.7282e-07
319.6 9.827e-07
319.8 1.1064e-06
320.0 1.2087e-06

320.2 9.3355e-07
320.4 7.2103e-07
320.6 5.569e-07
320.8 4.3012e-07
321.0 3.3221e-07
321.2 2.5658e-07
321.4 1.9817e-07
321.6 1.5306e-07
321.8 1.1822e-07
322.0 1.2549e-07
322.2 1.3408e-07
322.4 1.4325e-07
322.6 1.5305e-07
322.8 1.6353e-07
323.0 1.7472e-07
323.2 1.8667e-07
323.4 1.9945e-07
323.6 2.1309e-07
323.8 2.2768e-07
324.0 2.1588e-07
324.2 1.9793e-07
324.4 1.8146e-07
324.6 1.6637e-07
324.8 1.5253e-07
325.0 1.3984e-07
325.2 1.2821e-07
325.4 1.1755e-07
325.6 1.0777e-07
325.8 9.8805e-08
326.0 9.4673e-08
326.2 9.3658e-08
326.4 9.2654e-08
326.6 9.1661e-08
326.8 9.0679e-08
327.0 8.9707e-08
327.2 8.8745e-08
327.4 8.7794e-08
327.6 8.6853e-08
327.8 8.5922e-08
328.0 8.5471e-08
328.2 8.5773e-08
328.4 8.6076e-08
328.6 8.638e-08
328.8 8.6686e-08
329.0 8.6992e-08
329.2 8.73e-08
329.4 8.7608e-08
329.6 8.7918e-08
329.8 8.8229e-08
330.0 8.9714e-08
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330.4 1.1922e-07
330.6 1.3743e-07
330.8 1.5842e-07

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331.4 2.4268e-07
331.6 2.7975e-07
331.8 3.2248e-07
332.0 3.0728e-07
332.2 2.8987e-07
332.4 2.7345e-07
332.6 2.5796e-07
332.8 2.4335e-07
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333.2 2.1656e-07
333.4 2.0429e-07
333.6 1.9272e-07
333.8 1.818e-07
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334.4 2.7488e-07
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334.8 3.7496e-07
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335.4 5.9738e-07
335.6 6.9771e-07
335.8 8.1489e-07
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336.4 8.1974e-07
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337.6 7.0974e-07
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344.6 2.4918e-06
344.8 2.8028e-06
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346.2 5.9397e-06
346.4 6.3773e-06
346.6 6.8472e-06
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347.4 9.0991e-06
347.6 9.7695e-06
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368.4 1.5304e-05
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369.2 6.1475e-06
369.4 4.8941e-06
369.6 3.8963e-06
369.8 3.1019e-06
370.0 2.395e-06
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370.8 3.6145e-07
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371.2 1.4041e-07
371.4 8.7517e-08
371.6 5.4548e-08
371.8 3.3998e-08
372.0 3.2831e-08
372.2 3.2684e-08
372.4 3.2537e-08
372.6 3.2391e-08
372.8 3.2246e-08
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373.2 3.1957e-08
373.4 3.1814e-08
373.6 3.1671e-08
373.8 3.1529e-08
374.0 3.3076e-08

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375.4 5.1773e-08
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375.8 5.8844e-08
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384.8 3.9877e-04

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388.2 4.0203e-04
388.4 3.7012e-04
388.6 3.4074e-04
388.8 3.1369e-04
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389.2 2.6586e-04
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389.6 2.2533e-04
389.8 2.0744e-04
390.0 1.9098e-04
390.2 2.0515e-04
390.4 2.2746e-04
390.6 2.5219e-04
390.8 2.7961e-04
391.0 3.1002e-04
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391.4 3.811e-04
391.6 3.9577e-04
391.8 3.9415e-04
392.0 3.9254e-04
392.2 3.9094e-04
392.4 3.8935e-04
392.6 3.8776e-04
392.8 3.8617e-04
393.0 3.7909e-04
393.2 3.7109e-04
393.4 3.6325e-04
393.6 3.5557e-04
393.8 3.4806e-04
394.0 3.4071e-04
394.2 3.3882e-04
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394.8 6.5929e-04
395.0 8.2309e-04
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395.4 0.00128
395.6 0.00147

395.8 0.00139
396.0 0.0013
396.2 0.00122
396.4 0.00115
396.6 0.00108
396.8 0.00102
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397.2 8.3761e-04
397.4 7.5128e-04
397.6 6.7384e-04
397.8 6.0438e-04
398.0 5.4209e-04
398.2 4.8621e-04
398.4 5.4732e-04
398.6 6.6323e-04
398.8 8.037e-04
399.0 9.7392e-04
399.2 0.00118
399.4 0.00143
399.6 0.00173
399.8 0.0021
400.0 0.00168
400.2 0.00135
400.4 0.00108
400.6 8.6076e-04
400.8 6.8836e-04
401.0 5.6681e-04
401.2 4.9592e-04
401.4 4.339e-04
401.6 3.7963e-04
401.8 3.3215e-04
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402.2 2.5426e-04
402.4 2.3325e-04
402.6 2.9373e-04
402.8 3.699e-04
403.0 4.6583e-04
403.2 5.8662e-04
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403.6 9.3031e-04
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404.2 7.785e-04
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405.6 2.4101e-04
405.8 2.3704e-04
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410.8 1.445e-04
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412.6 2.6997e-04
412.8 2.5144e-04
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413.2 2.1811e-04
413.4 2.0314e-04
413.6 1.8919e-04
413.8 1.7621e-04
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414.2 2.179e-04
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414.6 2.8478e-04
414.8 3.2557e-04
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415.2 4.255e-04
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415.6 5.561e-04
415.8 6.3574e-04
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418.8 2.4463e-04
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419.4 3.4103e-04
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420.4 3.2288e-04
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420.8 2.2909e-04
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421.6 1.1533e-04
421.8 9.7149e-05
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422.2 1.2655e-04
422.4 1.4702e-04
422.6 1.7079e-04
422.8 1.9841e-04
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423.6 3.6138e-04
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424.6 1.5256e-04
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425.2 6.5873e-05
425.4 4.9789e-05
425.6 4.9621e-05
425.8 5.288e-05
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426.2 6.0054e-05
426.4 6.3999e-05
426.6 6.8202e-05
426.8 7.2681e-05
427.0 7.3299e-05
427.2 7.3369e-05
427.4 7.3438e-05
427.6 7.3508e-05
427.8 7.3578e-05
428.0 6.2583e-05

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428.4 3.1594e-05
428.6 2.2448e-05
428.8 1.595e-05
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429.2 2.6738e-05
429.4 3.7793e-05
429.6 5.3418e-05
429.8 7.5502e-05
430.0 9.4758e-05
430.2 9.4421e-05
430.4 9.4086e-05
430.6 9.3751e-05
430.8 9.3418e-05
431.0 8.6751e-05
431.2 7.7009e-05
431.4 6.8361e-05
431.6 6.0684e-05
431.8 5.387e-05
432.0 4.7821e-05
432.2 4.245e-05
432.4 3.7683e-05
432.6 3.3452e-05
432.8 2.9695e-05
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433.2 2.1587e-05
433.4 1.8143e-05
433.6 1.5248e-05
433.8 1.2815e-05
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434.4 7.6081e-06
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