

## Typical Measured Spectrum of Semrock FF01-624/40 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)

270.0	4.5845e-06
270.2	4.0358e-06
270.4	3.5528e-06
270.6	3.1276e-06
270.8	2.7533e-06
271.0	2.4238e-06
271.2	2.1337e-06
271.4	1.8783e-06
271.6	1.6535e-06
271.8	1.4556e-06
272.0	1.2814e-06
272.2	1.1281e-06
272.4	9.9305e-07
272.6	8.742e-07
272.8	8.7163e-07
273.0	9.411e-07
273.2	1.0161e-06
273.4	1.0971e-06
273.6	1.1845e-06
273.8	1.279e-06
274.0	1.3809e-06
274.2	1.4909e-06
274.4	1.6098e-06
274.6	1.7381e-06
274.8	1.8766e-06
275.0	2.0262e-06
275.2	1.9471e-06
275.4	1.8711e-06
275.6	1.798e-06
275.8	1.7278e-06
276.0	1.6603e-06
276.2	1.5955e-06
276.4	1.5332e-06
276.6	1.4734e-06
276.8	1.4158e-06
277.0	1.3606e-06
277.2	1.3075e-06
277.4	1.2564e-06
277.6	1.2074e-06
277.8	1.2791e-06
278.0	1.4143e-06
278.2	1.5639e-06
278.4	1.7293e-06
278.6	1.9122e-06
278.8	2.1144e-06
279.0	2.338e-06
279.2	2.5852e-06

279.4 2.8586e-06  
279.6 3.1609e-06  
279.8 3.4951e-06  
280.0 3.8647e-06  
280.2 4.2734e-06  
280.4 4.7253e-06  
280.6 5.225e-06  
280.8 5.7775e-06  
281.0 6.3885e-06  
281.2 7.0641e-06  
281.4 7.8111e-06  
281.6 8.6371e-06  
281.8 7.9041e-06  
282.0 6.9193e-06  
282.2 6.0572e-06  
282.4 5.3025e-06  
282.6 4.6418e-06  
282.8 4.0635e-06  
283.0 3.5572e-06  
283.2 3.114e-06  
283.4 2.726e-06  
283.6 2.3863e-06  
283.8 2.089e-06  
284.0 1.8287e-06  
284.2 1.6009e-06  
284.4 1.4014e-06  
284.6 1.2268e-06  
284.8 1.074e-06  
285.0 9.4014e-07  
285.2 8.2301e-07  
285.4 7.2046e-07  
285.6 6.307e-07  
285.8 6.8238e-07  
286.0 7.4925e-07  
286.2 8.2267e-07  
286.4 9.0329e-07  
286.6 9.9181e-07  
286.8 1.089e-06  
287.0 1.1957e-06  
287.2 1.3129e-06  
287.4 1.4415e-06  
287.6 1.5828e-06  
287.8 1.7379e-06  
288.0 1.9082e-06  
288.2 2.0952e-06  
288.4 2.3005e-06  
288.6 2.526e-06  
288.8 2.7735e-06  
289.0 3.0453e-06  
289.2 3.3437e-06  
289.4 3.6714e-06  
289.6 3.9981e-06  
289.8 3.868e-06  
290.0 3.7421e-06

290.2 3.6203e-06  
290.4 3.5025e-06  
290.6 3.3885e-06  
290.8 3.2783e-06  
291.0 3.1716e-06  
291.2 3.0684e-06  
291.4 2.9685e-06  
291.6 2.8719e-06  
291.8 2.7784e-06  
292.0 2.688e-06  
292.2 2.6005e-06  
292.4 2.5159e-06  
292.6 2.434e-06  
292.8 2.3548e-06  
293.0 2.2782e-06  
293.2 2.204e-06  
293.4 2.1323e-06  
293.6 1.99e-06  
293.8 1.6155e-06  
294.0 1.3114e-06  
294.2 1.0646e-06  
294.4 8.6425e-07  
294.6 7.0159e-07  
294.8 5.6954e-07  
295.0 4.6235e-07  
295.2 2.7574e-07  
295.4 1.6445e-07  
295.6 1.2011e-07  
295.8 1.2296e-07  
296.0 1.2589e-07  
296.2 1.2888e-07  
296.4 1.3195e-07  
296.6 1.3508e-07  
296.8 1.383e-07  
297.0 1.4159e-07  
297.2 1.4495e-07  
297.4 1.484e-07  
297.6 1.5193e-07  
297.8 1.5554e-07  
298.0 1.5924e-07  
298.2 1.6303e-07  
298.4 1.6691e-07  
298.6 1.7088e-07  
298.8 1.7494e-07  
299.0 1.791e-07  
299.2 1.8336e-07  
299.4 1.8772e-07  
299.6 2.2028e-07  
299.8 1.0268e-06  
300.0 4.7864e-06  
300.2 4.6639e-06  
300.4 4.5446e-06  
300.6 4.4283e-06  
300.8 4.315e-06

301.0 4.2046e-06  
301.2 4.097e-06  
301.4 3.9922e-06  
301.6 3.89e-06  
301.8 3.7905e-06  
302.0 3.6935e-06  
302.2 3.599e-06  
302.4 3.5069e-06  
302.6 3.4172e-06  
302.8 3.3297e-06  
303.0 3.2445e-06  
303.2 3.1615e-06  
303.4 3.0806e-06  
303.6 3.0018e-06  
303.8 2.8726e-06  
304.0 2.65e-06  
304.2 2.4446e-06  
304.4 2.2551e-06  
304.6 2.0804e-06  
304.8 1.9191e-06  
305.0 1.7704e-06  
305.2 1.5284e-06  
305.4 1.3195e-06  
305.6 1.1392e-06  
305.8 1.0124e-06  
306.0 9.1807e-07  
306.2 8.3253e-07  
306.4 7.5496e-07  
306.6 6.8462e-07  
306.8 6.2083e-07  
307.0 5.6298e-07  
307.2 5.1053e-07  
307.4 4.6296e-07  
307.6 4.1983e-07  
307.8 4.3658e-07  
308.0 5.5995e-07  
308.2 7.1819e-07  
308.4 9.2114e-07  
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308.8 1.5153e-06  
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309.6 4.1006e-06  
309.8 4.8671e-06  
310.0 4.237e-06  
310.2 3.6885e-06  
310.4 3.211e-06  
310.6 2.7954e-06  
310.8 2.4335e-06  
311.0 2.1185e-06  
311.2 1.8442e-06  
311.4 1.6055e-06  
311.6 1.3976e-06

311.8 1.2192e-06  
312.0 1.2994e-06  
312.2 1.3849e-06  
312.4 1.476e-06  
312.6 1.5732e-06  
312.8 1.6767e-06  
313.0 1.787e-06  
313.2 1.9046e-06  
313.4 2.0299e-06  
313.6 2.1635e-06  
313.8 2.3059e-06  
314.0 2.2597e-06  
314.2 2.1741e-06  
314.4 2.0916e-06  
314.6 2.0123e-06  
314.8 1.936e-06  
315.0 1.8626e-06  
315.2 1.792e-06  
315.4 1.7241e-06  
315.6 1.6587e-06  
315.8 1.5958e-06  
316.0 1.6259e-06  
316.2 1.712e-06  
316.4 1.8027e-06  
316.6 1.8981e-06  
316.8 1.9986e-06  
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317.2 2.2159e-06  
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317.6 2.4568e-06  
317.8 2.5869e-06  
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318.2 2.6597e-06  
318.4 2.6585e-06  
318.6 2.6574e-06  
318.8 2.6562e-06  
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319.2 2.6539e-06  
319.4 2.6527e-06  
319.6 2.6515e-06  
319.8 2.6504e-06  
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320.2 2.7384e-06  
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322.4 3.95e-06

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324.2 6.7359e-06  
324.4 6.8442e-06  
324.6 6.9544e-06  
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325.0 7.1799e-06  
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325.6 7.532e-06  
325.8 7.6532e-06  
326.0 7.7763e-06  
326.2 7.8842e-06  
326.4 7.9874e-06  
326.6 8.0918e-06  
326.8 8.1977e-06  
327.0 8.3049e-06  
327.2 8.4136e-06  
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327.8 8.7481e-06  
328.0 8.8626e-06  
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329.0 9.9465e-06  
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329.6 1.0691e-05  
329.8 1.0951e-05  
330.0 1.1217e-05  
330.2 1.1402e-05  
330.4 1.1449e-05  
330.6 1.1496e-05  
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331.0 1.1591e-05  
331.2 1.1639e-05  
331.4 1.1687e-05  
331.6 1.1736e-05  
331.8 1.1784e-05  
332.0 1.1833e-05  
332.2 1.1926e-05  
332.4 1.2179e-05  
332.6 1.2438e-05  
332.8 1.2702e-05  
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333.2 1.3247e-05

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333.6 1.3815e-05  
333.8 1.4108e-05  
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334.2 1.4709e-05  
334.4 1.4945e-05  
334.6 1.5184e-05  
334.8 1.5428e-05  
335.0 1.5675e-05  
335.2 1.5926e-05  
335.4 1.6181e-05  
335.6 1.644e-05  
335.8 1.6703e-05  
336.0 1.6971e-05  
336.2 1.7243e-05  
336.4 1.7444e-05  
336.6 1.764e-05  
336.8 1.7837e-05  
337.0 1.8037e-05  
337.2 1.8239e-05  
337.4 1.8443e-05  
337.6 1.865e-05  
337.8 1.8858e-05  
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338.2 1.9283e-05  
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338.6 1.9526e-05  
338.8 1.9634e-05  
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339.2 1.9852e-05  
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342.2 1.9612e-05  
342.4 1.9617e-05  
342.6 1.9749e-05  
342.8 1.9882e-05  
343.0 2.0016e-05  
343.2 2.015e-05  
343.4 2.0286e-05  
343.6 2.0422e-05  
343.8 2.056e-05  
344.0 2.0698e-05

344.2 2.0838e-05  
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344.6 2.1552e-05  
344.8 2.205e-05  
345.0 2.2559e-05  
345.2 2.3079e-05  
345.4 2.3612e-05  
345.6 2.4157e-05  
345.8 2.4715e-05  
346.0 2.5285e-05  
346.2 2.5869e-05  
346.4 2.666e-05  
346.6 2.9153e-05  
346.8 3.188e-05  
347.0 3.4861e-05  
347.2 3.8121e-05  
347.4 4.1686e-05  
347.6 4.5585e-05  
347.8 4.9848e-05  
348.0 5.451e-05  
348.2 5.9607e-05  
348.4 6.5182e-05  
348.6 7.6974e-05  
348.8 9.1191e-05  
349.0 1.0803e-04  
349.2 1.2799e-04  
349.4 1.5163e-04  
349.6 1.7963e-04  
349.8 2.1281e-04  
350.0 2.5212e-04  
350.2 2.9869e-04  
350.4 3.5385e-04  
350.6 3.7883e-04  
350.8 3.9635e-04  
351.0 4.1469e-04  
351.2 4.3387e-04  
351.4 4.5394e-04  
351.6 4.7493e-04  
351.8 4.969e-04  
352.0 5.1988e-04  
352.2 5.4393e-04  
352.4 5.6909e-04  
352.6 6.0285e-04  
352.8 6.4254e-04  
353.0 6.8485e-04  
353.2 7.2994e-04  
353.4 7.7799e-04  
353.6 8.2922e-04  
353.8 8.8381e-04  
354.0 9.42e-04  
354.2 0.001  
354.4 0.00107  
354.6 0.00112  
354.8 0.00116



355.0	0.0012
355.2	0.00124
355.4	0.00128
355.6	0.00132
355.8	0.00136
356.0	0.00141
356.2	0.00146
356.4	0.0015
356.6	0.00154
356.8	0.00154
357.0	0.00154
357.2	0.00155
357.4	0.00155
357.6	0.00155
357.8	0.00156
358.0	0.00156
358.2	0.00156
358.4	0.00157
358.6	0.00156
358.8	0.00151
359.0	0.00147
359.2	0.00143
359.4	0.00139
359.6	0.00135
359.8	0.00131
360.0	0.00127
360.2	0.00123
360.4	0.0012
360.6	0.00116
360.8	0.00113
361.0	0.0011
361.2	0.00106
361.4	0.00103
361.6	0.001
361.8	9.7361e-04
362.0	9.4516e-04
362.2	9.1753e-04
362.4	8.9072e-04
362.6	8.6469e-04
362.8	8.41e-04
363.0	8.18e-04
363.2	7.9563e-04
363.4	7.7386e-04
363.6	7.527e-04
363.8	7.3211e-04
364.0	7.1209e-04
364.2	6.9261e-04
364.4	6.7367e-04
364.6	6.5524e-04
364.8	4.9798e-04
365.0	3.6233e-04
365.2	1.6919e-04
365.4	1.5706e-04
365.6	1.5696e-04

365.8	1.631e-04
366.0	1.6849e-04
366.2	1.7666e-04
366.4	2.1953e-04
366.6	2.3767e-04
366.8	2.777e-04
367.0	3.1883e-04
367.2	3.7396e-04
367.4	4.3958e-04
367.6	5.5012e-04
367.8	7.4019e-04
368.0	0.00104
368.2	0.0016
368.4	0.0025
368.6	0.00423
368.8	0.00738
369.0	0.01154
369.2	0.01252
369.4	0.00953
369.6	0.00636
369.8	0.00442
370.0	0.00338
370.2	0.00284
370.4	0.00262
370.6	0.00271
370.8	0.00301
371.0	0.00362
371.2	0.00475
371.4	0.00621
371.6	0.00717
371.8	0.00631
372.0	0.00459
372.2	0.00307
372.4	0.00208
372.6	0.00153
372.8	0.00118
373.0	9.7108e-04
373.2	8.5362e-04
373.4	8.5296e-04
373.6	8.9369e-04
373.8	0.00102
374.0	0.00128
374.2	0.00187
374.4	0.00298
374.6	0.0056
374.8	0.01071
375.0	0.01335
375.2	0.00909
375.4	0.00495
375.6	0.00298
375.8	0.00199
376.0	0.00151
376.2	0.00124
376.4	0.00111

376.6	0.0011
376.8	0.00115
377.0	0.00133
377.2	0.00172
377.4	0.00234
377.6	0.00331
377.8	0.00432
378.0	0.00458
378.2	0.00403
378.4	0.00321
378.6	0.00259
378.8	0.00228
379.0	0.00211
379.2	0.00209
379.4	0.00217
379.6	0.00249
379.8	0.00303
380.0	0.00403
380.2	0.00592
380.4	0.00943
380.6	0.01504
380.8	0.01905
381.0	0.01593
381.2	0.01054
381.4	0.00681
381.6	0.00482
381.8	0.00369
382.0	0.00307
382.2	0.00276
382.4	0.00258
382.6	0.00262
382.8	0.00289
383.0	0.00341
383.2	0.00432
383.4	0.00582
383.6	0.0078
383.8	0.00885
384.0	0.00804
384.2	0.00622
384.4	0.00462
384.6	0.00354
384.8	0.00284
385.0	0.00237
385.2	0.00199
385.4	0.0017
385.6	0.00143
385.8	0.00122
386.0	0.00108
386.2	9.7226e-04
386.4	9.1356e-04
386.6	8.7099e-04
386.8	8.2353e-04
387.0	7.551e-04
387.2	6.4319e-04

387.4 5.4886e-04  
387.6 4.5344e-04  
387.8 3.8843e-04  
388.0 3.3744e-04  
388.2 3.158e-04  
388.4 3.0524e-04  
388.6 3.2344e-04  
388.8 3.5013e-04  
389.0 4.0602e-04  
389.2 4.8325e-04  
389.4 6.3207e-04  
389.6 8.4599e-04  
389.8 0.0011  
390.0 0.00135  
390.2 0.00142  
390.4 0.00132  
390.6 0.00107  
390.8 8.1357e-04  
391.0 6.1887e-04  
391.2 4.7772e-04  
391.4 3.9991e-04  
391.6 3.4863e-04  
391.8 3.1858e-04  
392.0 2.9995e-04  
392.2 3.1467e-04  
392.4 3.6281e-04  
392.6 4.1436e-04  
392.8 5.341e-04  
393.0 7.4866e-04  
393.2 0.00118  
393.4 0.00204  
393.6 0.00358  
393.8 0.00507  
394.0 0.00464  
394.2 0.00298  
394.4 0.00178  
394.6 0.00118  
394.8 8.329e-04  
395.0 6.391e-04  
395.2 5.3019e-04  
395.4 4.6392e-04  
395.6 4.6192e-04  
395.8 4.5501e-04  
396.0 5.0684e-04  
396.2 5.836e-04  
396.4 7.4091e-04  
396.6 9.7804e-04  
396.8 0.00133  
397.0 0.00169  
397.2 0.00187  
397.4 0.00166  
397.6 0.00127  
397.8 8.9832e-04  
398.0 6.4267e-04

398.2 4.7606e-04  
398.4 3.6427e-04  
398.6 3.1052e-04  
398.8 2.6985e-04  
399.0 2.4776e-04  
399.2 2.4177e-04  
399.4 2.4404e-04  
399.6 2.5934e-04  
399.8 2.9433e-04  
400.0 3.6754e-04  
400.2 4.6618e-04  
400.4 6.1879e-04  
400.6 8.2505e-04  
400.8 0.00104  
401.0 0.00118  
401.2 0.00119  
401.4 0.0011  
401.6 9.9605e-04  
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1194.8 0.56973  
1195.0 0.56837  
1195.2 0.56854  
1195.4 0.5687  
1195.6 0.56887  
1195.8 0.56903  
1196.0 0.56919  
1196.2 0.56908  
1196.4 0.56898  
1196.6 0.56887  
1196.8 0.56877  
1197.0 0.56864  
1197.2 0.56772

1197.4	0.5668
1197.6	0.56588
1197.8	0.56497
1198.0	0.56408
1198.2	0.564
1198.4	0.56393
1198.6	0.56385
1198.8	0.56377
1199.0	0.56375
1199.2	0.56531
1199.4	0.56688
1199.6	0.56845
1199.8	0.57003
1200.0	0.57161