

Typical Measured Spectrum of Semrock FF02-447/60 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)

265.0	3.24e-06
265.2	3.2e-06
265.4	3.16e-06
265.6	3.13e-06
265.8	3.09e-06
266.0	3.05e-06
266.2	3.02e-06
266.4	2.98e-06
266.6	2.95e-06
266.8	2.91e-06
267.0	2.88e-06
267.2	2.85e-06
267.4	2.82e-06
267.6	2.79e-06
267.8	2.76e-06
268.0	2.73e-06
268.2	2.7e-06
268.4	2.67e-06
268.6	2.64e-06
268.8	2.61e-06
269.0	2.58e-06
269.2	2.55e-06
269.4	2.53e-06
269.6	2.5e-06
269.8	2.47e-06
270.0	2.44e-06
270.2	2.42e-06
270.4	2.39e-06
270.6	2.37e-06
270.8	2.34e-06
271.0	2.4e-06
271.2	2.46e-06
271.4	2.52e-06
271.6	2.58e-06
271.8	2.65e-06
272.0	2.72e-06
272.2	2.79e-06
272.4	2.86e-06
272.6	2.93e-06
272.8	3.01e-06
273.0	3.08e-06
273.2	3.16e-06
273.4	3.24e-06
273.6	3.32e-06
273.8	3.41e-06
274.0	3.49e-06
274.2	3.58e-06

274.4	3.67e-06
274.6	3.77e-06
274.8	3.75e-06
275.0	3.11e-06
275.2	2.57e-06
275.4	2.13e-06
275.6	1.83e-06
275.8	1.81e-06
276.0	1.79e-06
276.2	1.77e-06
276.4	1.76e-06
276.6	1.74e-06
276.8	1.72e-06
277.0	1.7e-06
277.2	1.68e-06
277.4	1.66e-06
277.6	1.64e-06
277.8	1.63e-06
278.0	1.61e-06
278.2	1.59e-06
278.4	1.57e-06
278.6	1.56e-06
278.8	1.54e-06
279.0	1.52e-06
279.2	1.51e-06
279.4	1.62e-06
279.6	1.88e-06
279.8	2.18e-06
280.0	2.53e-06
280.2	2.93e-06
280.4	3.39e-06
280.6	3.93e-06
280.8	4.56e-06
281.0	5.28e-06
281.2	6.12e-06
281.4	7.09e-06
281.6	8.22e-06
281.8	9.53e-06
282.0	1.1e-05
282.2	1.28e-05
282.4	1.48e-05
282.6	1.72e-05
282.8	1.99e-05
283.0	2.31e-05
283.2	1.8e-05
283.4	1.3e-05
283.6	9.34e-06
283.8	6.74e-06
284.0	4.86e-06
284.2	3.51e-06
284.4	2.53e-06
284.6	1.82e-06
284.8	1.32e-06
285.0	9.49e-07

285.2 9.29e-07
285.4 9.08e-07
285.6 8.89e-07
285.8 8.74e-07
286.0 8.58e-07
286.2 8.43e-07
286.4 8.28e-07
286.6 8.13e-07
286.8 7.99e-07
287.0 7.84e-07
287.2 7.71e-07
287.4 7.57e-07
287.6 7.43e-07
287.8 7.3e-07
288.0 7.17e-07
288.2 7.04e-07
288.4 6.92e-07
288.6 6.8e-07
288.8 6.68e-07
289.0 6.56e-07
289.2 6.44e-07
289.4 7.02e-07
289.6 8.09e-07
289.8 9.33e-07
290.0 1.07e-06
290.2 1.24e-06
290.4 1.43e-06
290.6 1.64e-06
290.8 1.9e-06
291.0 2.18e-06
291.2 2.52e-06
291.4 2.9e-06
291.6 3.34e-06
291.8 3.85e-06
292.0 4.44e-06
292.2 5.12e-06
292.4 5.9e-06
292.6 6.79e-06
292.8 7.83e-06
293.0 9.02e-06
293.2 7.95e-06
293.4 6.97e-06
293.6 6.12e-06
293.8 5.36e-06
294.0 4.7e-06
294.2 4.12e-06
294.4 3.61e-06
294.6 3.17e-06
294.8 2.78e-06
295.0 2.44e-06
295.2 2.49e-06
295.4 2.55e-06
295.6 2.6e-06
295.8 2.66e-06

296.0 2.72e-06
296.2 2.78e-06
296.4 2.84e-06
296.6 2.91e-06
296.8 2.97e-06
297.0 3.04e-06
297.2 3.11e-06
297.4 3.18e-06
297.6 3.25e-06
297.8 3.32e-06
298.0 3.4e-06
298.2 3.33e-06
298.4 3.26e-06
298.6 3.19e-06
298.8 3.12e-06
299.0 3.06e-06
299.2 2.99e-06
299.4 2.92e-06
299.6 2.86e-06
299.8 2.8e-06
300.0 2.74e-06
300.2 2.68e-06
300.4 2.62e-06
300.6 2.57e-06
300.8 2.51e-06
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301.2 2.4e-06
301.4 2.35e-06
301.6 2.3e-06
301.8 2.26e-06
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302.2 2.22e-06
302.4 2.2e-06
302.6 2.19e-06
302.8 2.17e-06
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303.4 2.12e-06
303.6 2.1e-06
303.8 2.08e-06
304.0 2.07e-06
304.2 2.05e-06
304.4 2.03e-06
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306.4 8.48e-07
306.6 8.14e-07

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307.2 7.19e-07
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307.6 6.62e-07
307.8 6.35e-07
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308.2 5.85e-07
308.4 5.61e-07
308.6 5.39e-07
308.8 5.17e-07
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309.2 4.76e-07
309.4 4.74e-07
309.6 4.9e-07
309.8 5.06e-07
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310.6 5.76e-07
310.8 5.95e-07
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311.2 6.35e-07
311.4 6.56e-07
311.6 6.78e-07
311.8 7.0e-07
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312.6 7.97e-07
312.8 8.23e-07
313.0 8.5e-07
313.2 8.25e-07
313.4 7.91e-07
313.6 7.58e-07
313.8 7.26e-07
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314.6 6.13e-07
314.8 5.87e-07
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315.2 5.39e-07
315.4 5.17e-07
315.6 4.95e-07
315.8 4.75e-07
316.0 4.55e-07
316.2 4.36e-07
316.4 4.18e-07
316.6 4.0e-07
316.8 3.86e-07
317.0 3.85e-07
317.2 3.83e-07
317.4 3.81e-07

317.6 3.8e-07
317.8 3.78e-07
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318.4 3.73e-07
318.6 3.72e-07
318.8 3.7e-07
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319.2 3.67e-07
319.4 3.66e-07
319.6 3.64e-07
319.8 3.62e-07
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323.8 8.92e-07
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324.2 9.97e-07
324.4 9.47e-07
324.6 8.82e-07
324.8 8.21e-07
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325.2 7.12e-07
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325.6 6.18e-07
325.8 5.75e-07
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326.8 4.03e-07
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327.4 3.25e-07
327.6 3.03e-07
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331.4 2.2e-07
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331.8 2.23e-07
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332.2 2.51e-07
332.4 2.67e-07
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334.0 4.28e-07
334.2 4.54e-07
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336.8 9.23e-08
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337.2 8.28e-08
337.4 7.84e-08
337.6 7.42e-08
337.8 7.03e-08
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338.2 6.3e-08
338.4 5.97e-08
338.6 5.82e-08
338.8 5.78e-08
339.0 5.73e-08

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339.8 5.56e-08
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340.6 5.38e-08
340.8 5.34e-08
341.0 5.3e-08
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341.8 5.14e-08
342.0 5.1e-08
342.2 5.58e-08
342.4 6.24e-08
342.6 6.97e-08
342.8 7.79e-08
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343.2 9.73e-08
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343.6 1.22e-07
343.8 1.36e-07
344.0 1.52e-07
344.2 1.7e-07
344.4 1.9e-07
344.6 2.12e-07
344.8 2.37e-07
345.0 2.65e-07
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345.8 3.17e-07
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349.8 1.66e-07

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352.2 1.3e-06
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352.8 8.67e-07
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353.2 6.61e-07
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353.6 5.04e-07
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354.2 3.35e-07
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354.6 2.56e-07
354.8 2.23e-07
355.0 1.95e-07
355.2 1.7e-07
355.4 1.49e-07
355.6 1.3e-07
355.8 1.2e-07
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356.2 1.02e-07
356.4 9.42e-08
356.6 8.69e-08
356.8 8.02e-08
357.0 7.4e-08
357.2 6.82e-08
357.4 6.29e-08
357.6 5.81e-08
357.8 5.36e-08
358.0 4.94e-08
358.2 4.56e-08
358.4 4.2e-08
358.6 4.49e-08
358.8 5.25e-08
359.0 6.14e-08
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359.4 8.39e-08
359.6 9.81e-08
359.8 1.15e-07
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360.2 1.57e-07
360.4 1.83e-07
360.6 2.14e-07

360.8 2.51e-07
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361.2 3.43e-07
361.4 4.0e-07
361.6 4.68e-07
361.8 5.47e-07
362.0 6.4e-07
362.2 6.33e-07
362.4 6.04e-07
362.6 5.77e-07
362.8 5.51e-07
363.0 5.26e-07
363.2 5.02e-07
363.4 4.8e-07
363.6 4.58e-07
363.8 4.38e-07
364.0 4.18e-07
364.2 3.99e-07
364.4 3.81e-07
364.6 3.64e-07
364.8 3.47e-07
365.0 3.32e-07
365.2 3.17e-07
365.4 3.03e-07
365.6 2.88e-07
365.8 2.51e-07
366.0 2.2e-07
366.2 1.92e-07
366.4 1.68e-07
366.6 1.47e-07
366.8 1.28e-07
367.0 1.12e-07
367.2 9.8e-08
367.4 8.57e-08
367.6 7.49e-08
367.8 6.54e-08
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368.2 5.0e-08
368.4 4.37e-08
368.6 4.13e-08
368.8 4.12e-08
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369.2 4.11e-08
369.4 4.1e-08
369.6 4.09e-08
369.8 4.09e-08
370.0 4.08e-08
370.2 4.08e-08
370.4 4.07e-08
370.6 4.06e-08
370.8 4.06e-08
371.0 4.05e-08
371.2 4.04e-08
371.4 4.04e-08

371.6 4.03e-08
371.8 4.02e-08
372.0 4.02e-08
372.2 4.21e-08
372.4 4.46e-08
372.6 4.73e-08
372.8 5.02e-08
373.0 5.32e-08
373.2 5.64e-08
373.4 5.98e-08
373.6 6.34e-08
373.8 6.72e-08
374.0 7.13e-08
374.2 7.55e-08
374.4 8.01e-08
374.6 8.49e-08
374.8 9.0e-08
375.0 9.55e-08
375.2 1.01e-07
375.4 1.07e-07
375.6 1.14e-07
375.8 1.28e-07
376.0 1.45e-07
376.2 1.63e-07
376.4 1.84e-07
376.6 2.08e-07
376.8 2.34e-07
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377.4 3.35e-07
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377.8 3.14e-07
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381.8 6.86e-08
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382.2 6.79e-08

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382.6 6.72e-08
382.8 6.68e-08
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383.4 9.51e-08
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383.8 1.29e-07
384.0 1.5e-07
384.2 1.74e-07
384.4 2.02e-07
384.6 2.35e-07
384.8 2.5e-07
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385.2 2.32e-07
385.4 2.23e-07
385.6 2.15e-07
385.8 2.07e-07
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386.4 1.85e-07
386.6 1.76e-07
386.8 1.66e-07
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387.4 1.4e-07
387.6 1.32e-07
387.8 1.24e-07
388.0 1.17e-07
388.2 1.11e-07
388.4 1.05e-07
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388.8 9.51e-08
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389.2 8.69e-08
389.4 8.31e-08
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389.8 7.6e-08
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390.2 6.94e-08
390.4 6.64e-08
390.6 6.35e-08
390.8 6.07e-08
391.0 5.8e-08
391.2 5.55e-08
391.4 5.3e-08
391.6 5.07e-08
391.8 4.85e-08
392.0 4.63e-08
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392.8 4.53e-08
393.0 4.51e-08

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393.8 4.45e-08
394.0 4.43e-08
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394.4 4.4e-08
394.6 4.38e-08
394.8 4.37e-08
395.0 4.35e-08
395.2 4.34e-08
395.4 4.32e-08
395.6 4.36e-08
395.8 5.45e-08
396.0 6.81e-08
396.2 8.5e-08
396.4 1.06e-07
396.6 1.33e-07
396.8 1.66e-07
397.0 2.07e-07
397.2 2.94e-07
397.4 5.52e-07
397.6 1.04e-06
397.8 7.17e-07
398.0 3.78e-07
398.2 2.32e-07
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398.6 2.29e-07
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399.4 2.19e-07
399.6 2.17e-07
399.8 2.14e-07
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400.2 2.09e-07
400.4 3.2e-07
400.6 5.48e-07
400.8 6.35e-07
401.0 2.42e-07
401.2 3.12e-07
401.4 5.34e-07
401.6 8.06e-07
401.8 8.73e-07
402.0 9.45e-07
402.2 4.11e-07
402.4 2.2e-07
402.6 3.36e-07
402.8 5.14e-07
403.0 7.57e-07
403.2 1.1e-06
403.4 1.13e-06
403.6 4.32e-07
403.8 4.82e-07

404.0 6.85e-07
404.2 8.6e-07
404.4 7.8e-07
404.6 7.08e-07
404.8 3.36e-07
405.0 1.71e-07
405.2 1.69e-07
405.4 1.67e-07
405.6 2.31e-07
405.8 3.52e-07
406.0 4.07e-07
406.2 1.84e-07
406.4 1.6e-07
406.6 1.59e-07
406.8 1.57e-07
407.0 1.56e-07
407.2 1.55e-07
407.4 1.54e-07
407.6 1.54e-07
407.8 1.53e-07
408.0 1.52e-07
408.2 1.51e-07
408.4 1.5e-07
408.6 1.8e-07
408.8 3.83e-07
409.0 3.11e-07
409.2 2.0e-07
409.4 1.8e-07
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