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TECHSPEC® Hard Coated OD 4.0 50nm Bandpass Filters



- High Transmission, Deep Blocking
- Broad Bandwidths Ideal for Imaging Applications
- Available in VIS and IR Center Wavelengths
- [Hard Coated OD 4.0 10nm](#) and [25nm](#) Bandpass Filters Also Available

Common Specifications

Physical & Mechanical Properties

Construction: Mounted in Black Anodized Ring	Physical Durability: Adhesion per MIL-PRF-13830B, Section C.4.5.12 Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11 Cleaning per MIL-C-48497A Section 4.5.4.2
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Optical Properties

Angle of Incidence (°): 0	Bandwidth (nm): 45
Optical Density OD (Average): ≥ 4.0	Substrate: Optical Glass
Coating: Hard Coated	Surface Quality: 80-50

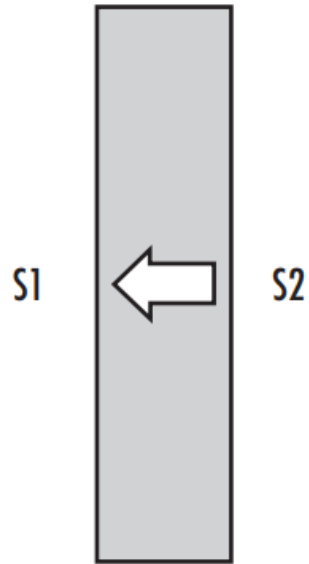
Threading & Mounting

Mount Thickness (mm): 5.0 $\pm$ 0.1
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Environmental & Durability Factors

Environmental Durability: Humidity per MIL-STD-810H, Section 507.6 Temperature per MIL-STD-810H, Section 501.7 and 502.7
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Technical Information



All mounted TECHSPEC® Optical Filters have an arrow on the side of the mount that points to the filter-coated surface for quick reference. Filter oriented such that arrow points to filter coated surface S1. Anti-reflective (AR) coating is applied to S2.

Products

Dia. (mm)	CWL (nm)	FWHM (nm)	Minimum Transmission (%)	Blocking Wavelength Range (nm)	Stock Number	Price	Buy
12.50	300.00	50.00	≥60	200 - 1200	#12-088	₹14,869 Volume Pricing	3 In Stock
25.00	300.00	50.00	≥60	200 - 1200	#12-093	₹21,487 Volume Pricing	2 In Stock
50.00	300.00	50.00	≥60	200 - 1200	#12-097	₹50,135 Volume Pricing	1 In Stock
12.50	325.00	50.00	>80	200 - 1200	#12-089	₹14,869 Volume Pricing	20+ In Stock
25.00	325.00	50.00	>80	200 - 1200	#12-094	₹21,487 Volume Pricing	5 In Stock
50.00	325.00	50.00	>80	200 - 1200	#12-098	₹50,135 Volume Pricing	11 In Stock
12.50	350.00	50.00	>90	200 - 1200	#12-090	₹14,869 Volume Pricing	20+ In Stock
25.00	350.00	50.00	>90	200 - 1200	#12-095	₹21,487 Volume Pricing	1 In Stock
50.00	350.00	50.00	>90	200 - 1200	#12-099	₹50,135 Volume Pricing	1 In Stock
12.50	375.00	50.00	>90	200 - 1200	#12-091	₹14,869 Volume Pricing	16 In Stock
25.00	375.00	50.00	>90	200 - 1200	#12-096	₹21,487 Volume Pricing	4 In Stock
50.00	375.00	50.00	>90	200 - 1200	#12-100	₹50,135 Volume Pricing	3 In Stock
12.50	400.00	50.00	≥90	200 - 1200	#84-769	₹13,468 Volume Pricing	20+ In Stock
25.00	400.00	50.00	≥90	200 - 1200	#84-781	₹20,163 Volume Pricing	7 In Stock
50.00	400.00	50.00	≥90	200 - 1200	#84-793	₹47,956 Volume Pricing	3 In Stock
12.50	425.00	50.00	≥90	200 - 1200	#86-937	₹13,468 Volume Pricing	20+ In Stock
25.00	425.00	50.00	≥90	200 - 1200	#86-949	₹20,163 Volume Pricing	Contact Us

50.00	425.00	50.00	≥90	200 - 1200	#86-961	₹47,956 Volume Pricing	5 In Stock
12.50	450.00	50.00	≥90	200 - 1200	#84-770	₹13,468 Volume Pricing	20+ In Stock
25.00	450.00	50.00	≥90	200 - 1200	#84-782	₹20,163 Volume Pricing	20+ In Stock
50.00	450.00	50.00	≥90	200 - 1200	#84-794	₹47,956 Volume Pricing	6 In Stock
12.50	475.00	50.00	≥90	200 - 1200	#86-938	₹13,468 Volume Pricing	20+ In Stock
25.00	475.00	50.00	≥90	200 - 1200	#86-950	₹20,163 Volume Pricing	8 In Stock
50.00	475.00	50.00	≥90	200 - 1200	#86-962	₹47,956 Volume Pricing	3 In Stock
12.50	500.00	50.00	≥90	200 - 1200	#84-771	₹13,468 Volume Pricing	20+ In Stock
25.00	500.00	50.00	≥90	200 - 1200	#84-783	₹20,163 Volume Pricing	20+ In Stock
50.00	500.00	50.00	≥90	200 - 1200	#84-795	₹47,956 Volume Pricing	Contact Us
12.50	525.00	50.00	≥90	200 - 1200	#86-939	₹13,468 Volume Pricing	20+ In Stock
25.00	525.00	50.00	≥90	200 - 1200	#86-951	₹20,163 Volume Pricing	Contact Us
50.00	525.00	50.00	≥90	200 - 1200	#86-963	₹47,956 Volume Pricing	Contact Us
12.50	550.00	50.00	≥90	200 - 1200	#84-772	₹13,468 Volume Pricing	20+ In Stock
25.00	550.00	50.00	≥90	200 - 1200	#84-784	₹20,163 Volume Pricing	5 In Stock
50.00	550.00	50.00	≥90	200 - 1200	#84-796	₹47,956 Volume Pricing	5 In Stock
12.50	575.00	50.00	≥90	200 - 1200	#86-940	₹13,468 Volume Pricing	20+ In Stock
25.00	575.00	50.00	≥90	200 - 1200	#86-952	₹20,163 Volume Pricing	9 In Stock
50.00	575.00	50.00	≥90	200 - 1200	#86-964	₹47,956 Volume Pricing	1 In Stock
12.50	600.00	50.00	≥90	200 - 1200	#84-773	₹13,468 Volume Pricing	16 In Stock

25.00	600.00	50.00	≥90	200 - 1200	#84-785	₹20,163 Volume Pricing	13 In Stock
50.00	600.00	50.00	≥90	200 - 1200	#84-797	₹47,956 Volume Pricing	4 In Stock
12.50	625.00	50.00	≥90	200 - 1200	#86-941	₹13,468 Volume Pricing	2 In Stock
25.00	625.00	50.00	≥90	200 - 1200	#86-953	₹20,163 Volume Pricing	1 In Stock
50.00	625.00	50.00	≥90	200 - 1200	#86-965	₹47,956 Volume Pricing	2 In Stock
12.50	650.00	50.00	≥90	200 - 1200	#84-774	₹13,468 Volume Pricing	20+ In Stock
25.00	650.00	50.00	≥90	200 - 1200	#84-786	₹20,163 Volume Pricing	9 In Stock
50.00	650.00	50.00	≥90	200 - 1200	#84-798	₹47,956 Volume Pricing	1 In Stock
12.50	675.00	50.00	≥90	200 - 1200	#86-942	₹13,468 Volume Pricing	4 In Stock
25.00	675.00	50.00	≥90	200 - 1200	#86-954	₹20,163 Volume Pricing	5 In Stock
50.00	675.00	50.00	≥90	200 - 1200	#86-966	₹47,956 Volume Pricing	7 In Stock
12.50	700.00	50.00	≥90	200 - 1200	#84-775	₹13,468 Volume Pricing	Contact Us
25.00	700.00	50.00	≥90	200 - 1200	#84-787	₹20,163 Volume Pricing	20+ In Stock
50.00	700.00	50.00	≥90	200 - 1200	#84-799	₹47,956 Volume Pricing	11 In Stock
12.50	725.00	50.00	≥90	200 - 1200	#86-943	₹14,869 Volume Pricing	20+ In Stock
25.00	725.00	50.00	≥90	200 - 1200	#86-955	₹21,487 Volume Pricing	3 In Stock
50.00	725.00	50.00	≥90	200 - 1200	#86-967	₹50,135 Volume Pricing	12 In Stock
12.50	750.00	50.00	≥90	200 - 1200	#84-776	₹14,869 Volume Pricing	20+ In Stock
25.00	750.00	50.00	≥90	200 - 1200	#84-788	₹21,487 Volume Pricing	2 In Stock
50.00	750.00	50.00	≥90	200 - 1200	#84-800	₹50,135 Volume Pricing	5 In Stock

12.50	775.00	50.00	≥90	200 - 1200	#86-944	₹14,869 Volume Pricing	20+ In Stock
25.00	775.00	50.00	≥90	200 - 1200	#86-956	₹21,487 Volume Pricing	5 In Stock
50.00	775.00	50.00	≥90	200 - 1200	#86-968	₹50,135 Volume Pricing	5 In Stock
12.50	800.00	50.00	≥90	200 - 1200	#84-777	₹14,869 Volume Pricing	20+ In Stock
25.00	800.00	50.00	≥90	200 - 1200	#84-789	₹21,487 Volume Pricing	2 In Stock
50.00	800.00	50.00	≥90	200 - 1200	#84-801	₹50,135 Volume Pricing	5 In Stock
12.50	825.00	50.00	≥90	200 - 1200	#86-945	₹14,869 Volume Pricing	6 In Stock
25.00	825.00	50.00	≥90	200 - 1200	#86-957	₹21,487 Volume Pricing	20+ In Stock
50.00	825.00	50.00	≥90	200 - 1200	#86-969	₹50,135 Volume Pricing	2 In Stock
12.50	850.00	50.00	≥90	200 - 1200	#84-778	₹14,869 Volume Pricing	5 In Stock
25.00	850.00	50.00	≥90	200 - 1200	#84-790	₹21,487 Volume Pricing	Contact Us
50.00	850.00	50.00	≥90	200 - 1200	#84-802	₹50,135 Volume Pricing	Contact Us
12.50	875.00	50.00	≥90	200 - 1200	#86-946	₹14,869 Volume Pricing	20+ In Stock
25.00	875.00	50.00	≥90	200 - 1200	#86-958	₹21,487 Volume Pricing	14 In Stock
50.00	875.00	50.00	≥90	200 - 1200	#86-970	₹50,135 Volume Pricing	10 In Stock
12.50	900.00	50.00	≥90	200 - 1200	#84-779	₹14,869 Volume Pricing	14 In Stock
25.00	900.00	50.00	≥90	200 - 1200	#84-791	₹21,487 Volume Pricing	5 In Stock
50.00	900.00	50.00	≥90	200 - 1200	#84-803	₹50,135 Volume Pricing	11 In Stock
12.50	925.00	50.00	≥90	200 - 1200	#86-947	₹14,869 Volume Pricing	9 In Stock
25.00	925.00	50.00	≥90	200 - 1200	#86-959	₹21,487 Volume Pricing	11 In Stock

50.00	925.00	50.00	≥90	200 - 1200	#86-971	₹50,135 Volume Pricing	1 In Stock
12.50	950.00	50.00	≥90	200 - 1200	#84-780	₹14,869 Volume Pricing	20+ In Stock
25.00	950.00	50.00	≥90	200 - 1200	#84-792	₹21,487 Volume Pricing	20+ In Stock
50.00	950.00	50.00	≥90	200 - 1200	#84-804	₹50,135 Volume Pricing	6 In Stock
12.50	975.00	50.00	≥90	200 - 1200	#86-948	₹14,869 Volume Pricing	20+ In Stock
25.00	975.00	50.00	≥90	200 - 1200	#86-960	₹21,487 Volume Pricing	Contact Us
50.00	975.00	50.00	≥90	200 - 1200	#86-972	₹50,135 Volume Pricing	5 In Stock
12.50	1,000.00	50.00	≥90	200 - 1500	#85-880	₹17,516 Volume Pricing	5 In Stock
25.00	1,000.00	50.00	≥90	200 - 1500	#85-892	₹26,002 Volume Pricing	7 In Stock
50.00	1,000.00	50.00	≥90	200 - 1500	#85-904	₹62,280 Volume Pricing	2 In Stock
12.50	1,025.00	50.00	>90	200 - 1500	#87-847	₹17,516 Volume Pricing	5 In Stock
25.00	1,025.00	50.00	>90	200 - 1500	#87-860	₹26,235 Volume Pricing	1 In Stock
50.00	1,025.00	50.00	>90	200 - 1500	#87-873	₹62,280 Volume Pricing	1 In Stock
12.50	1,050.00	50.00	≥90	200 - 1500	#85-881	₹17,516 Volume Pricing	20+ In Stock
25.00	1,050.00	50.00	≥90	200 - 1500	#85-893	₹26,235 Volume Pricing	7 In Stock
50.00	1,050.00	50.00	≥90	200 - 1500	#85-905	₹62,280 Volume Pricing	8 In Stock
12.50	1,075.00	50.00	>90	200 - 1500	#87-848	₹17,516 Volume Pricing	20+ In Stock
25.00	1,075.00	50.00	>90	200 - 1500	#87-861	₹26,235 Volume Pricing	20+ In Stock
50.00	1,075.00	50.00	>90	200 - 1500	#87-874	₹62,280 Volume Pricing	1 In Stock
12.50	1,100.00	50.00	≥90	200 - 1500	#85-882	₹17,516 Volume Pricing	3 In Stock

25.00	1,100.00	50.00	≥90	200 - 1500	#85-894	₹26,235 Volume Pricing	6 In Stock
50.00	1,100.00	50.00	≥90	200 - 1500	#85-906	₹62,280 Volume Pricing	1 In Stock
12.50	1,125.00	50.00	>90	200 - 1500	#87-849	₹17,516 Volume Pricing	Contact Us
25.00	1,125.00	50.00	>90	200 - 1500	#87-862	₹26,235 Volume Pricing	20+ In Stock
50.00	1,125.00	50.00	>90	200 - 1500	#87-875	₹62,280 Volume Pricing	5 In Stock
12.50	1,150.00	50.00	≥90	200 - 1500	#85-883	₹17,516 Volume Pricing	20+ In Stock
25.00	1,150.00	50.00	≥90	200 - 1500	#85-895	₹26,235 Volume Pricing	1 In Stock
50.00	1,150.00	50.00	≥90	200 - 1500	#85-907	₹62,280 Volume Pricing	2 In Stock
12.50	1,175.00	50.00	>90	200 - 1500	#87-850	₹17,516 Volume Pricing	5 In Stock
25.00	1,175.00	50.00	>90	200 - 1500	#87-863	₹26,235 Volume Pricing	3 In Stock
50.00	1,175.00	50.00	>90	200 - 1500	#87-876	₹62,280 Volume Pricing	1 In Stock
12.50	1,200.00	50.00	≥90	200 - 1500	#85-884	₹17,516 Volume Pricing	5 In Stock
25.00	1,200.00	50.00	≥90	200 - 1500	#85-896	₹26,235 Volume Pricing	5 In Stock
50.00	1,200.00	50.00	≥90	200 - 1500	#85-908	₹62,280 Volume Pricing	1 In Stock
12.50	1,225.00	50.00	>90	200 - 1800	#87-851	₹17,516 Volume Pricing	1 In Stock
25.00	1,225.00	50.00	>90	200 - 1800	#87-864	₹26,235 Volume Pricing	1 In Stock
50.00	1,225.00	50.00	>90	200 - 1800	#87-877	₹62,280 Volume Pricing	1 In Stock
12.50	1,250.00	50.00	≥90	200 - 1800	#85-885	₹17,516 Volume Pricing	4 In Stock
25.00	1,250.00	50.00	≥90	200 - 1800	#85-897	₹26,235 Volume Pricing	Contact Us
50.00	1,250.00	50.00	≥90	200 - 1800	#85-909	₹62,280 Volume Pricing	2 In Stock

12.50	1,275.00	50.00	>90	200 - 1800	#87-852	₹17,516 Volume Pricing	2 In Stock
25.00	1,275.00	50.00	>90	200 - 1800	#87-865	₹26,235 Volume Pricing	4 In Stock
50.00	1,275.00	50.00	>90	200 - 1800	#87-878	₹62,280 Volume Pricing	1 In Stock
12.50	1,300.00	50.00	≥90	200 - 1800	#85-886	₹17,516 Volume Pricing	14 In Stock
25.00	1,300.00	50.00	≥90	200 - 1800	#85-898	₹26,235 Volume Pricing	15 In Stock
50.00	1,300.00	50.00	≥90	200 - 1800	#85-910	₹62,280 Volume Pricing	3 In Stock
12.50	1,325.00	50.00	>90	200 - 1800	#87-853	₹17,516 Volume Pricing	1 In Stock
25.00	1,325.00	50.00	>90	200 - 1800	#87-866	₹26,235 Volume Pricing	2 In Stock
50.00	1,325.00	50.00	>90	200 - 1800	#87-879	₹62,280 Volume Pricing	12 In Stock
12.50	1,350.00	50.00	≥90	200 - 1800	#85-887	₹17,516 Volume Pricing	5 In Stock
25.00	1,350.00	50.00	≥90	200 - 1800	#85-899	₹26,235 Volume Pricing	20+ In Stock
50.00	1,350.00	50.00	≥90	200 - 1800	#85-911	₹62,280 Volume Pricing	4 In Stock
12.50	1,375.00	50.00	>90	200 - 1800	#87-854	₹17,516 Volume Pricing	20+ In Stock
25.00	1,375.00	50.00	>90	200 - 1800	#87-867	₹26,235 Volume Pricing	11 In Stock
50.00	1,375.00	50.00	>90	200 - 1800	#87-880	₹62,280 Volume Pricing	2 In Stock
12.50	1,400.00	50.00	≥90	200 - 1800	#85-888	₹17,516 Volume Pricing	1 In Stock
25.00	1,400.00	50.00	≥90	200 - 1800	#85-900	₹26,235 Volume Pricing	5 In Stock
50.00	1,400.00	50.00	≥90	200 - 1800	#85-912	₹62,280 Volume Pricing	5 In Stock
12.50	1,425.00	50.00	>90	200 - 1800	#87-855	₹17,516 Volume Pricing	3 In Stock
25.00	1,425.00	50.00	>90	200 - 1800	#87-868	₹26,235 Volume Pricing	1 In Stock

50.00	1,425.00	50.00	>90	200 - 1800	#87-881	₹62,280 Volume Pricing	4 In Stock
12.50	1,450.00	50.00	≥90	200 - 1800	#85-889	₹17,516 Volume Pricing	2 In Stock
25.00	1,450.00	50.00	≥90	200 - 1800	#85-901	₹26,235 Volume Pricing	Contact Us
50.00	1,450.00	50.00	≥90	200 - 1800	#85-913	₹62,280 Volume Pricing	7 In Stock
12.50	1,475.00	50.00	>90	200 - 1800	#87-856	₹17,516 Volume Pricing	1 In Stock
25.00	1,475.00	50.00	>90	200 - 1800	#87-869	₹26,235 Volume Pricing	3 In Stock
50.00	1,475.00	50.00	>90	200 - 1800	#87-882	₹62,280 Volume Pricing	7 In Stock
12.50	1,500.00	50.00	≥90	200 - 1800	#85-890	₹17,516 Volume Pricing	1 In Stock
25.00	1,500.00	50.00	≥90	200 - 1800	#85-902	₹26,235 Volume Pricing	14 In Stock
50.00	1,500.00	50.00	≥90	200 - 1800	#85-914	₹62,280 Volume Pricing	1 In Stock
12.50	1,525.00	50.00	>90	200 - 1800	#87-857	₹17,516 Volume Pricing	16 In Stock
25.00	1,525.00	50.00	>90	200 - 1800	#87-870	₹26,235 Volume Pricing	4 In Stock
50.00	1,525.00	50.00	>90	200 - 1800	#87-883	₹62,280 Volume Pricing	8 In Stock
12.50	1,550.00	50.00	≥90	200 - 1800	#85-891	₹17,516 Volume Pricing	4 In Stock
25.00	1,550.00	50.00	≥90	200 - 1800	#85-903	₹26,235 Volume Pricing	20+ In Stock
50.00	1,550.00	50.00	≥90	200 - 1800	#85-915	₹62,280 Volume Pricing	5 In Stock
12.50	1,575.00	50.00	>90	200 - 1800	#87-858	₹17,516 Volume Pricing	20+ In Stock
25.00	1,575.00	50.00	>90	200 - 1800	#87-871	₹26,235 Volume Pricing	20+ In Stock
50.00	1,575.00	50.00	>90	200 - 1800	#87-884	₹62,280 Volume Pricing	3 In Stock
12.50	1,600.00	50.00	>90	200 - 1800	#87-859	₹17,516 Volume Pricing	4 In Stock

25.00	1,600.00	50.00	>90	200 - 1800	#87-872	₹26,235 Volume Pricing	8 In Stock
		Edmund optics worldwide	200 - 1800	#87-885	₹62,280 Volume Pricing	Contact Us	

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