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TECHSPEC® OD 4.0 Notch Filters

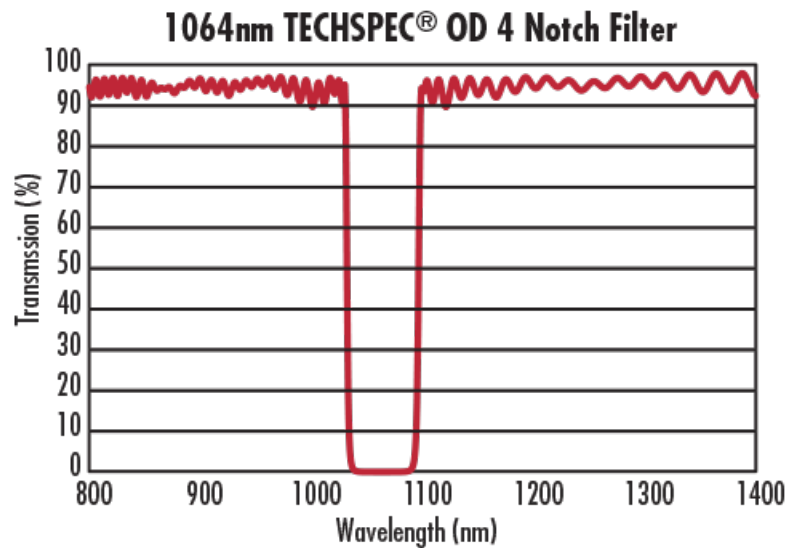


- >OD 4.0 Rejection of Laser Wavelength from 355nm to 1064nm
- Broad Transmission Range
- [OD 6.0 Notch Filters Also Available](#)
- Low Cost Alternative to Rugate Notch Filters

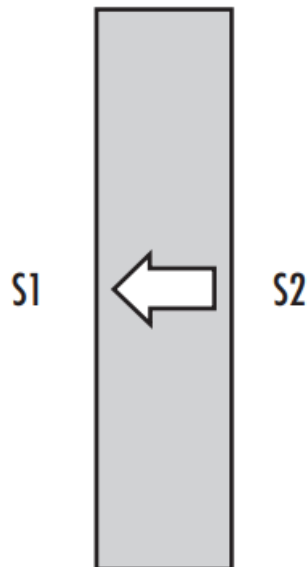
Common Specifications

Physical & Mechanical Properties				
Thickness (mm):		5.00 ±0.1	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	Substrate Thickness (mm):	3.5 ±0.5
Optical Properties				
Optical Density OD (Average):		≥4.0	Coating:	Hard Coated
Surface Quality:		60-40	Transmission (%):	90
Reflection at CWL (%):		99	Transmitted Wavefront, RMS:	<1λ
Threading & Mounting				
Mount Thickness (mm):			5.0	
Environmental & Durability Factors				
Environmental Durability:			Humidity per MIL-STD-810H, Section 507.6 Temperature per MIL-STD-810H, Section 501.7 and 502.7	

Technical Information



This graph is an example of a standard notch filter transmission curve. For specific wavelength data, please refer to the curve PDF attached to each respective part.



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)	Transmission Wavelength (nm)	Stock Number	Price	Buy
12.50	355.00	17.80	325 - 475	#67-106	₹23,044 Volume Pricing	4 In Stock
12.50	405.00	20.20	325 - 540	#67-107	₹23,044 Volume Pricing	Contact Us
12.50	488.00	24.40	365 - 650	#67-108	₹23,044 Volume Pricing	3 In Stock
12.50	514.50	25.70	385 - 685	#67-109	₹23,044 Volume Pricing	20+ In Stock
12.50	532.00	26.60	400 - 700	#67-110	₹23,044 Volume Pricing	5 In Stock
12.50	632.80	31.60	475 - 845	#67-111	₹23,044 Volume Pricing	9 In Stock
12.50	785.00	39.20	585 - 1045	#67-112	₹23,044 Volume Pricing	5 In Stock
12.50	808.00	40.00	600 - 1070	#86-700	₹23,044 Volume Pricing	1 In Stock
12.50	830.00	42.00	625 - 1100	#86-701	₹23,044 Volume Pricing	1 In Stock
12.50	980.00	49.00	735 - 1300	#67-113	₹23,044 Volume Pricing	4 In Stock
12.50	1,030.00	51.50	800 - 1400	#39-383	₹23,044 Volume Pricing	2 In Stock
12.50	1,064.00	53.20	800 - 1400	#67-114	₹23,044 Volume Pricing	20+ In Stock
25.00	355.00	17.80	325 - 475	#67-115	₹33,476 Volume Pricing	2 In Stock
25.00	405.00	20.20	325 - 540	#67-116	₹33,476 Volume Pricing	4 In Stock
25.00	488.00	24.40	365 - 650	#67-117	₹33,476 Volume Pricing	7 In Stock
25.00	514.50	25.70	385 - 685	#67-118	₹33,476 Volume Pricing	3 In Stock
25.00	532.00	26.60	400 - 700	#67-119	₹33,476 Volume Pricing	6 In Stock

25.00	632.80	31.60	475 - 845	#67-120	₹33,476 Volume Pricing	6 In Stock
25.00	785.00	39.20	585 - 1045	#67-121	₹33,476 Volume Pricing	1 In Stock
25.00	808.00	40.00	600 - 1070	#86-702	₹33,476 Volume Pricing	13 In Stock
25.00	830.00	42.00	625 - 1100	#86-703	₹33,476 Volume Pricing	2 In Stock
25.00	980.00	49.00	735 - 1300	#67-122	₹33,476 Volume Pricing	1 In Stock
25.00	1,030.00	51.50	800 - 1400	#39-384	₹33,476 Volume Pricing	1 In Stock
25.00	1,064.00	53.20	800 - 1400	#67-123	₹33,476 Volume Pricing	20+ In Stock
50.00	355.00	17.80	325 - 475	#67-124	₹73,179 Volume Pricing	1 In Stock
50.00	405.00	20.20	325 - 540	#67-125	₹73,179 Volume Pricing	1 In Stock
50.00	488.00	24.40	365 - 650	#67-126	₹73,179 Volume Pricing	2 In Stock
50.00	514.50	25.70	385 - 685	#67-127	₹73,179 Volume Pricing	5 In Stock
50.00	532.00	26.60	400 - 700	#67-128	₹73,179 Volume Pricing	2 In Stock
50.00	632.80	31.60	475 - 845	#67-129	₹73,179 Volume Pricing	4 In Stock
50.00	785.00	39.20	585 - 1045	#67-130	₹73,179 Volume Pricing	5 In Stock
50.00	808.00	40.00	600 - 1070	#86-704	₹73,179 Volume Pricing	1 In Stock
50.00	980.00	49.00	735 - 1300	#67-131	₹73,179 Volume Pricing	1 In Stock
50.00	1,030.00	51.50	800 - 1400	#39-385	₹73,179 Volume Pricing	2 In Stock
50.00	1,064.00	53.20	800 - 1400	#67-132	₹73,179 Volume Pricing	3 In Stock



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