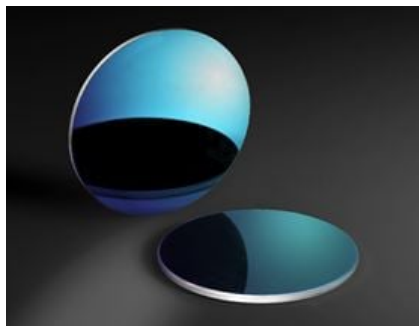


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Infrared (IR) Neutral Density (ND) Filters



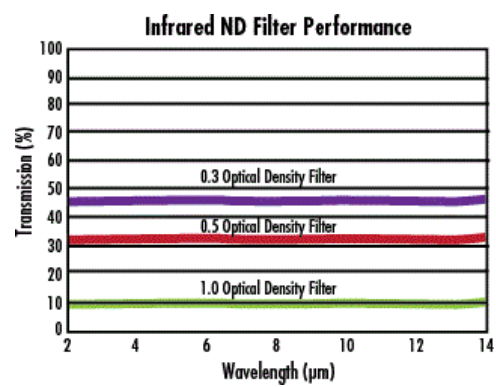
- Spectrally Flat from 2 μ m to 14 μ m
- Precision Germanium Substrate

Common Specifications

Physical & Mechanical Properties

Thickness (mm): 1.00 $\pm$ 0.2	Clear Aperture (%): 90
Optical Properties	
Substrate: Germanium (Ge)	Coating: Metallic Based ND
Surface Quality: 80-50	Surface Flatness (P-V): 3 - 5 λ

Technical Information



Products

Dia. (mm)	Optical Density OD (Average)	Thickness (mm)	Transmission (%)	Wavelength Range (µm)	Stock Number	Price	Buy
12.50	0.3	1.00	50.0	2 - 14	#12-003	€223,00 Qty 11+ €201,00	3-4 days
12.50	0.5	1.00	31.6	2 - 14	#12-004	€223,00 Qty 11+ €201,00	3-4 days
12.50	0.6	1.00	25.0	2 - 14	#12-005	€223,00 Qty 11+ €201,00	3-4 days
12.50	0.7	1.00	20.0	2 - 14	#12-006	€223,00 Qty 11+ €201,00	3-4 days
12.50	0.8	1.00	15.8	2 - 14	#12-007	€223,00 Qty 11+ €201,00	3-4 days
12.50	0.9	1.00	12.6	2 - 14	#12-008	€223,00 Qty 11+ €201,00	3-4 days
12.50	1.0	1.00	10.0	2 - 14	#12-009	€223,00 Qty 11+ €201,00	3-4 days
12.50	1.3	1.00	5.0	2 - 14	#12-013	€223,00 Qty 11+ €201,00	3-4 days
12.50	1.5	1.00	3.2	2 - 14	#12-014	€223,00 Qty 11+ €201,00	3-4 days
12.50	2.0	1.00	1.0	2 - 14	#12-015	€223,00 Qty 11+ €201,00	3-4 days
12.50	2.5	1.00	0.32	2 - 14	#12-016	€223,00 Qty 11+ €201,00	3-4 days
12.50	3.0	1.00	0.10	2 - 14	#12-017	€223,00 Qty 11+ €201,00	In Stock
25.00	0.3	1.00	50.0	2 - 14	#64-353	€419,00 Qty 11+ €377,00	3-4 days
25.00	0.5	1.00	31.6	2 - 14	#64-354	€419,00 Qty 11+ €377,00	In Stock
25.00	0.6	1.00	25.0	2 - 14	#87-197	€419,00 Qty 11+ €377,00	3-4 days
25.00	0.7	1.00	20.0	2 - 14	#12-000	€419,00 Qty 11+ €377,00	3-4 days
25.00	0.8	1.00	15.8	2 - 14	#12-001	€419,00 Qty 11+ €377,00	3-4 days

25.00	0.9	1.00	12.6	2 - 14	#87-198	€419,00 Qty 11+ €377,00	3-4 days
25.00	1.0	1.00	10.0	2 - 14	#64-355	€419,00 Qty 11+ €377,00	3-4 days
25.00	1.3	1.00	5.0	2 - 14	#87-199	€419,00 Qty 11+ €377,00	3-4 days
25.00	1.5	1.00	3.2	2 - 14	#87-200	€419,00 Qty 11+ €377,00	3-4 days
25.00	2.0	1.00	1.0	2 - 14	#64-356	€419,00 Qty 11+ €377,00	3-4 days
25.00	2.5	1.00	0.32	2 - 14	#12-002	€419,00 Qty 11+ €377,00	3-4 days
25.00	3.0	1.00	0.10	2 - 14	#64-357	€419,00 Qty 11+ €377,00	3-4 days
25.00	0.3	1.00	50.0	5.8 - 6.4	#12-243	€488,00 Qty 11+ €439,00	3-4 days
25.00	0.5	1.00	31.6	5.8 - 6.4	#12-244	€488,00 Qty 11+ €439,00	3-4 days
25.00	1.0	1.00	10.0	5.8 - 6.4	#12-245	€488,00 Qty 11+ €439,00	3-4 days
25.00	2.0	1.00	1.0	5.8 - 6.4	#12-246	€488,00 Qty 11+ €439,00	3-4 days
50.00	0.3	1.00	50.0	2 - 14	#64-358	€830,00 Qty 11+ €745,00	In Stock
50.00	0.5	1.00	31.6	2 - 14	#64-359	€830,00 Qty 11+ €745,00	3-4 days
50.00	0.6	1.00	25.0	2 - 14	#87-201	€830,00 Qty 11+ €745,00	3-4 days
50.00	0.9	1.00	12.6	2 - 14	#87-202	€830,00 Qty 11+ €745,00	Contact Us
50.00	1.0	1.00	10.0	2 - 14	#64-360	€830,00 Qty 11+ €745,00	3-4 days
50.00	1.3	1.00	5.0	2 - 14	#87-203	€830,00 Qty 11+ €745,00	3-4 days
50.00	1.5	1.00	3.2	2 - 14	#87-204	€830,00 Qty 11+ €745,00	3-4 days
50.00	2.0	1.00	1.0	2 - 14	#64-361	€830,00 Qty 11+ €745,00	3-4 days
50.00	3.0	1.00	0.10	2 - 14	#64-362	€830,00 Qty 11+ €745,00	3-4 days



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