

50mm Diameter Unmounted 0.04-3.0 OD, Circular Variable Neutral Density (ND) Filter



Unmounted Circular Variable Neutral Density (ND) Filters

Stock **#43-765** Contact Us

-

1

+

€380⁰⁰

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Volume Pricing	
Qty 1-10	€380,00 each
Qty 11-25	€340,00 each
Qty 26-49	€320,00 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General	
Type:	Neutral Density Filter
Linearity (%):	±5

Physical & Mechanical Properties	
Inner Diameter (mm):	

7.5	
	Outer Diameter (mm):
50.0	
	Thickness (mm):
1.52 ±0.25	
	Parallelism (arcmin):
±3	

	Dimensional Tolerance (mm):
±0.10 ID, ±0.20 OD	

Optical Properties

	Angle of Incidence (°):
0.00	
	Optical Density OD (Average):
0.04 - 3.0	

	Substrate: ☐
B270	
	Coating:
Variable	

	Surface Quality:
60-40	
	Blocking Wavelength Range (nm):
400 - 700	

	Optical Density Tolerance (%):
±5	
	Coating Specification:
Continuously Variable Inconel from 0 - 270°	

Threading & Mounting

	Mount:
Unmounted	

Regulatory Compliance

	Reach 181:
Compliant	
	RoHS 2015:
Compliant	

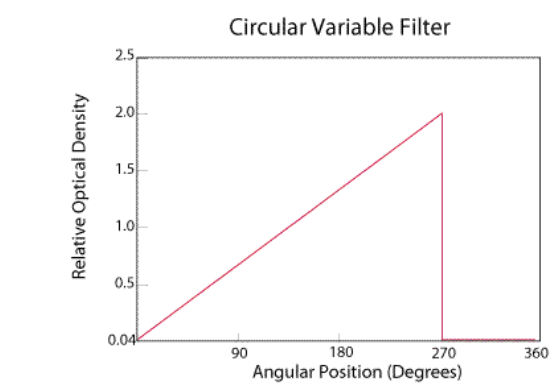
	Certificate of Conformance:
View	

Product Details

- Continuously Variable Over 270°
- Spectrally Flat from 400-700nm
- Mounted and Unmounted Versions Available

Circular Variable Neutral Density (ND) Filters are continuously variable over 270° of the filter. These filters provide linear attenuation of incident light by rotating the filter. Designed to be spectrally flat from 400 to 700nm, they provide excellent attenuation for spectrometers and other optical instruments. Circular Variable Neutral Density (ND) Filters, with a durable anodized aluminum mount, have an indicator arrow that accurately identifies the angular position of the filter for increased repeatability. The 50mm OD filters are available mounted or unmounted. The 360° rotating mount comes complete with a 4" Length, 0.5" Diameter stainless steel post.

Technical Information



Optical Density	Unmounted			Mounted
	25.4mm Outer Diameter (OD) 7.5mm Inner Diameter (ID)	50.0mm Outer Diameter (OD) 7.5mm Inner Diameter (ID)	100.0mm Outer Diameter (OD) 25.4mm Inner Diameter (ID)	50.0mm Outer Diameter (OD) 7.5mm Inner Diameter (ID)
0.04-1.0	#43-759	#43-763	#43-767	#54-534
0.04-2.0	#43-760	#43-764	#43-768	#54-535
0.04-3.0	#43-761	#43-765	#43-769	#54-536
0.04-4.0	#43-762	#43-766	#43-770	#54-537

