

Circular Variable ND Glass Filter Series

- Reflection Type with Durable Coating
- Selectable Optical Density from 0.04 to 4
- Continuously Variable, Linear Attenuation
- Custom Sizes Available
- Low Cost for Instrumentation

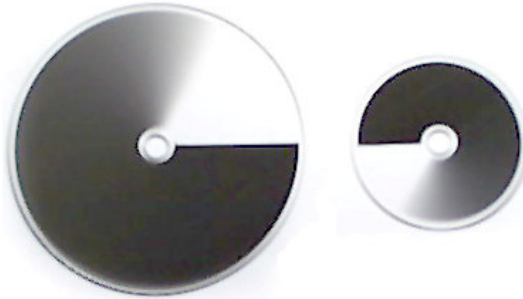
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APPLICATIONS:

Imaging component;
Optical measurement systems
Sensor systems
Medical systems
General experimental setup for low power applications (<1W @ VIS band)



Definition	
OPTICAL DENSITY	TRANSMITTANCE
OD	T
OD = Log (1/T)	

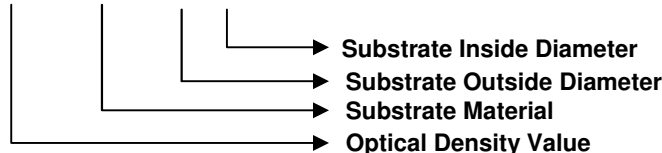
General Specifications:

Substrate Material:	B-270 Optical Crown (B), UV Grade Fused Silica (Q)
Outside Diameter:	25mm, 30mm, 40mm, 45mm, 50mm, 60mm, 100mm
Inside Diameter:	7.5mm, 8.0mm, 8.3mm
Outside Diameter Tolerance:	+0 / -0.25mm
Inside Diameter Tolerance:	+0.25 / -0mm
Thickness:	1.5mm ± 0.25mm, 2mm ± 0.25mm
Parallelism:	< 3 arc min.
Standard Linearity:	± 5% of end density value
Standard Deviation of Density:	± 5% of end density value
Design Wavelength:	400 - 700nm Standard 380 - 2000nm (B-270) 250 - 2500nm (Fused Silica)
Coated Area:	0° - 270° Standard 0° - 300° or 0° - 310° Available

Note: Custom designs for different OD & dimensions from this list are available.

Part Number Definition:

CVNDF X – X – X/X



Example: P/N: CVNDF 2.0-Q-50/8.3 is for

OD = 0.04 ~ 2.0, Substrate: Material = Fused Silica, Outside Diameter = 50mm, Inside Diameter = 8.3mm.

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