

[See all 15 Products in Family](#)

SCHOTT NG4 633nm 50mm Sq., 1.0 OD ND Filter

See More by [SCHOTT Optical Components](#)



Stock #21-373 **5 In Stock**

- 1 + C\$270²⁰

ADD TO CART

Volume Pricing	
Qty 1-9	C\$270.20 each
Qty 10-25	C\$242.20 each
Need More?	Request Quote

Product Downloads

General

Neutral Density Filter **Type:**

Physical & Mechanical Properties

50.0 x 50.0 ±0.2 **Dimensions (mm):**

48.5 x 48.5 **Clear Aperture CA (mm):**

Thickness (mm):

1.87 (nominal)

≤3 **Parallelism (arcmin):**

Fine Ground **Edges:**

0.5 x45° **Bevel:**

Plano **Shape of Back Surface:**

Optical Properties

Optical Density OD (Average):
1.0 ±0.030 at Calibrated Wavelength

Design Wavelength DWL (nm):
633

Glass/Filter Number:
[SCHOTT NG4](#)

Uncoated **Coating:**

60-40 **Surface Quality:**

10 ±1.38 at Calibrated Wavelength **Transmission (%):**

Material Properties

470 **Transformation Temperature (°C):**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Product Details

- Calibrated for Specific Wavelengths
- Optical Densities Ranging from 0.3 to 3.0
- NG3, NG4, NG5, NG9, or NG11 Glass Types

SCHOTT Calibrated Neutral Density (ND) Filters are tested and calibrated to a precision optical density tolerance at either 405nm, or 633nm, or 785nm. Manufactured from NG3, NG4, NG5, NG9, or NG11 SCHOTT Glass, the filters are ideal for providing precise attenuation at common laser wavelengths. Available in optical densities ranging from 0.3 to 3.0, these filters can be integrated into a variety of optical systems and experiments. SCHOTT Calibrated Neutral Density (ND) Filters are available in a standard 50 x50mm size and multiple filters can be stacked to achieve custom optical densities. The measured OD value for each filter at the specified wavelength is referenced on the box.

Note: Please contact us if your application requires a custom size SCHOTT Calibrated Neutral Density (ND) Filter.

Quote Your Size