SCHOTT NG5 405nm 50mm Sq., 0.5 OD ND Filter

See More by **SCHOTT Optical Components**

Stock **#21-367**   **5 In Stock**

⊖   1   ⊕   **S$270**.20

ADD TO CART

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

Product Downloads

General

Type:

Neutral Density Filter

Physical & Mechanical Properties

Dimensions (mm):

50.0 x 50.0 ±0.2

Clear Aperture CA (mm):

48.5 x 48.5

Thickness (mm):

1.78 (nominal)

Parallelism (arcmin):

≤3

Edges:

Fine Ground

Bevel:

0.5 x 45°

Shape of Back Surface:

Plano

Optical Properties

Optical Density OD (Average):
0.5 ±0.015 at Calibrated Wavelength

Design Wavelength DWL (nm):

405

Glass/Filter Number:

SCHOTT NG5

Coating:

Uncoated

Surface Quality:

60-40

Transmission (%):
31.62 ±2.18 at Calibrated Wavelength

Material Properties

Transformation Temperature (°C):

474

Regulatory Compliance

Certificate of Conformance:

View

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 x 50mm 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

;