ND3.0

ND 3.0 filter in SM1-threaded stackable holder.

KEY FEATURES

MANAGE THE LASER POWER

CMOS sensors have low saturation levels as well as low damage thresholds. It is thus very important that you control your laser power to get the best measurement possible and avoid damaging the BEAMAGE camera.

STACK AND ATTENUATE AS MUCH AS YOU NEED

These filters reduce the intensity of all wavelengths without affecting the wavefront of the beam or distorting the image. Many filters can be stacked directly on each other.

SPECIFICATIONS

MEASUREMENT CAPABILITIES	
Spectral range	400 - 1595 nm
Transmittance	~0.1%
Equivalent attenuation	1/1000
Parallelism	< 3 arcmin
Optical density tolerance	± 5%
Transmitted wavefront error	< λ/10 @ 633 nm
Surface quality	40-20 Scratch-Dig

DAMAGE THRESHOLDS	
Maximum average power density	100 W/cm²
Maximum energy density	3 J/cm²
Maximum power	1 W

PHYSICAL CHARACTERISTICS	
Aperture diameter	22.5 mm
Dimensions	30.5Ø x 11.4D mm
Weight	0.04 kg
Mounting thread	SM1
Clear aperture	90% of area
Dimensional tolerance	+0.0/-0.25 mm
Substrate	NG9

ORDERING INFORMATION	
ND3.0	201047

Specifications are subject to change without notice. Refer to the user manual for complete specifications.

INTERESTED IN THIS PRODUCT?

GET A QUOTE

Find your local sales representative at gentec-eo.com/contact-us