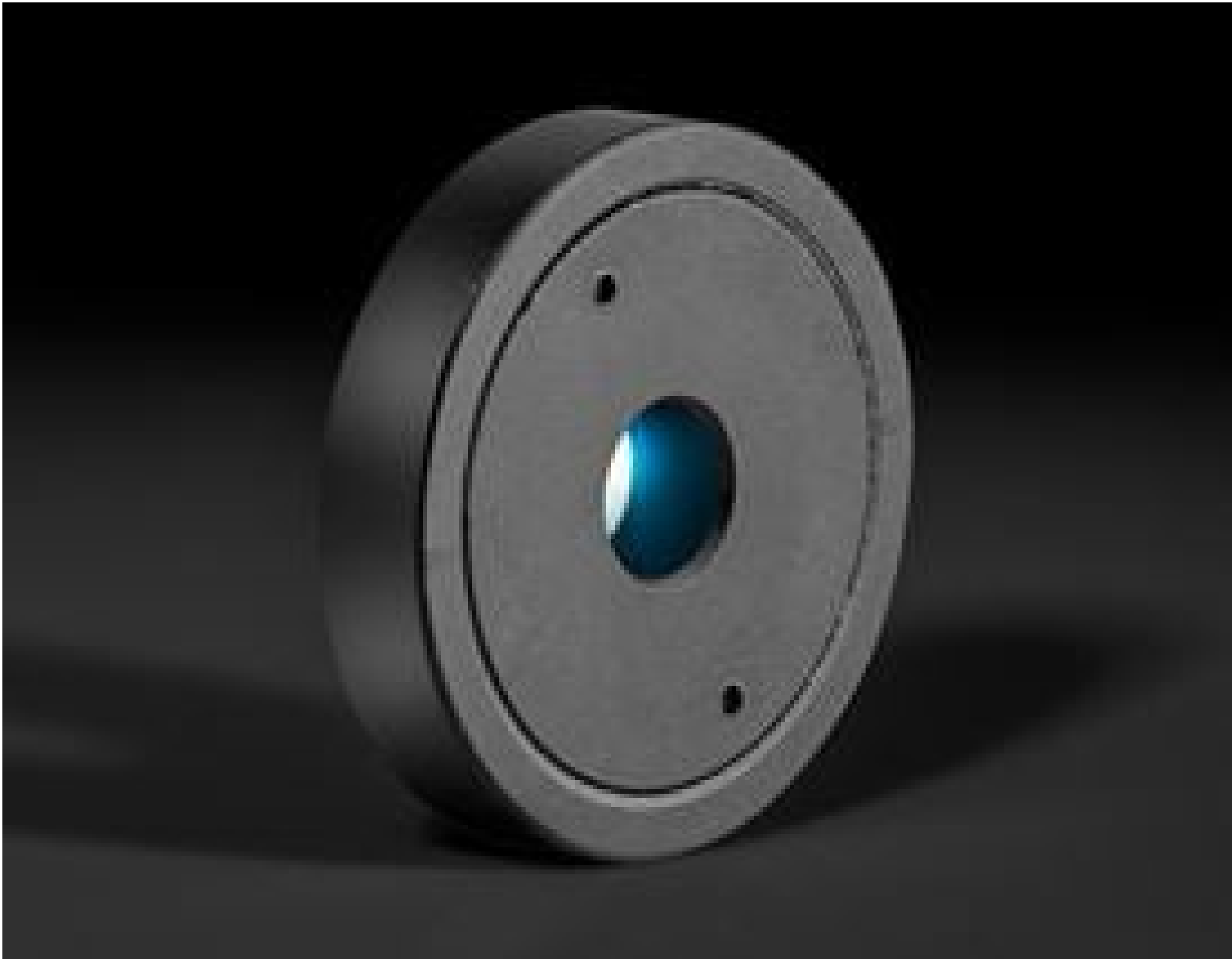


10 x 10 x 0.5mm, 800nm SHG, Type I BBO Nonlinear Crystal



Mounted Type I BBO Nonlinear Crystal

Stock **#11-166** ☐ In Stock

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Crystal Type: BBO
Design Wavelength DWL (nm): 800
Clear Aperture CA (mm): 9.40
Dimensions (mm):

10.0 x 10.0 +0.0/-0.1
Thickness (mm): 0.50 +0.0/-0.1
Protective Chamfer: <0.1mm x 45°
Orientation Θ/Φ (°): 29.2/90
Coating: AR Coating
Coating Specification: S1: 400 - 800nm Broadband Protective Coating S2: 400 - 800nm Broadband Protective Coating
Parallelism (arcsec): <20
Perpendicularity (arcmin): <5
Surface Quality: 20-10
Surface Flatness (P-V): λ/8
Mount: Mounted
Mount Diameter (mm): 25.4
Mount Thickness (mm): 5 (unthreaded)
Typical Applications: SHG @ 800nm, Type I
Type: Nonlinear Crystal
Damage Threshold, By Design: ☐ 10 J/cm² @ 1064nm, 10ns, 10Hz
Note: Mount is 25.4mm Dia., 5mm Thick Unthreaded Black Anodized Metal Mount (see drawing for more information)

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant