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TECHSPEC® Athermal Imaging Lenses



- Designed to Maintain High Resolution Over a Wide Temperature Range
- Ruggedized for Shock and Vibration Environments
- Large Sensor Coverage up to 1.1"
- Optothermal Stability from [Passive Athermalization](#)
- [2022 Silver VSD Innovators Award Winner](#) and 2022 Inspect Award Winner

Common Specifications

General

Series: Athermal Series

Physical & Mechanical Properties

Iris Option: Fixed

Optical Properties

Maximum Image Circle (mm): 19.30

Number of Elements (Groups): 7 (3)

Working Distance (mm): 4000 - ∞

Sensor

Maximum Sensor Format: 1.2"

Pixel Size (μm): 2.74

Threading & Mounting

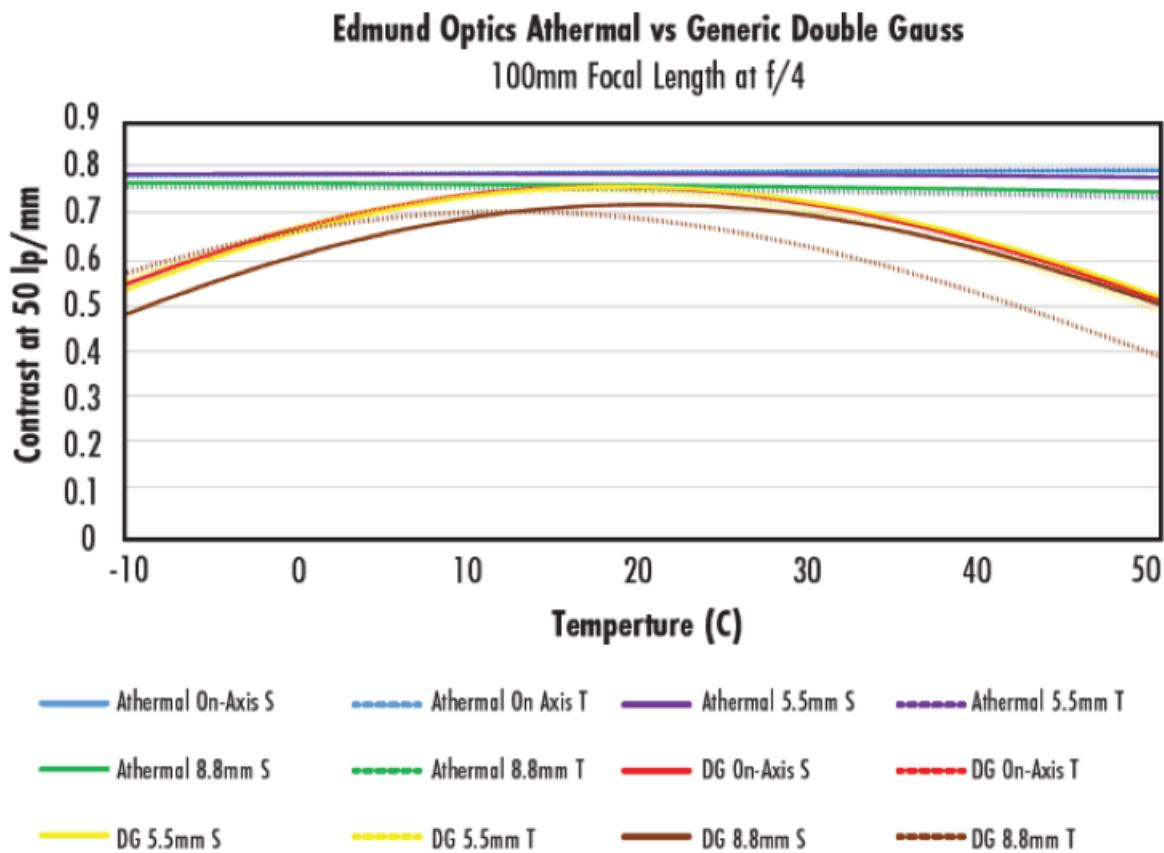
Mount: C-Mount

Environmental & Durability Factors

Operating Temperature (°C): -10 to +50

Type of Ruggedization: Athermal

Technical Information



Products

FL (mm)	Max. Sensor Format	Aperture (f/#)	WD (mm)	Mount	Stock Number	Price	Buy
100.00	1.2"	f/4	4000 - ∞	C- Mount	#16-849	S\$2,272.00	Contact Us
100.00	1.2"	f/5.6	4000 - ∞	C- Mount	#16-850	S\$2,272.00	1 In Stock
100.00	1.2"	f/8	4000 - ∞	C- Mount	#16-851	S\$2,272.00	2 In Stock
150.00	1.2"	f/4	4000 - ∞	C- Mount	#16-852	S\$2,272.00	Contact Us
150.00	1.2"	f/5.6	4000 - ∞	C- Mount	#16-853	S\$2,272.00	1 In Stock
150.00	1.2"	f/8	4000 - ∞	C- Mount	#16-854	S\$2,272.00	2 In Stock



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