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Coherent® CO₂ Beam Expanders

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- Designed for CO₂ Laser Sources at 10.6µm
- Compact Housing for Easy System Integration
- Coherent® Infrared ZnSe Optical Elements

Common Specifications

Physical & Mechanical Properties

Housing Diameter (mm):	30.48
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Optical Properties

Angle of Incidence (°):	0		
Coating:	High-Efficiency Anti-Reflective Coating (10.6µm)	Coating Specification:	R _{abs} <0.2% @ 10.6µm
Design Wavelength DWL (nm):	10600	Entrance Aperture (mm):	11.43
Exit Aperture (mm):	22.86	Substrate:	Zinc Selenide (ZnSe)
Transmission (%):	>99.4	Wavelength Range (nm):	10400 - 10600
Divergence Adjustment:	Rotating Optics		

Threading & Mounting

Mounting Threads:	Input: Male M25 x 1
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Technical Information

Products

DWL (nm)	Expansion Power	Wavelength Range (nm)	Entrance Aperture (mm)	Exit Aperture (mm)	Substrate	Stock Number	Price	Buy
10600	2X	10400 - 10600	11.43	22.86	Zinc Selenide (ZnSe)	#11-363	£822.97 Volume Pricing	5 In Stock
10600	4X	10400 - 10600	11.43	22.86	Zinc Selenide (ZnSe)	#11-364	£818.59 Volume Pricing	7 In Stock
10600	5X	10400 - 10600	11.43	22.86	Zinc Selenide (ZnSe)	#11-365	£818.59 Volume Pricing	5 In Stock



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