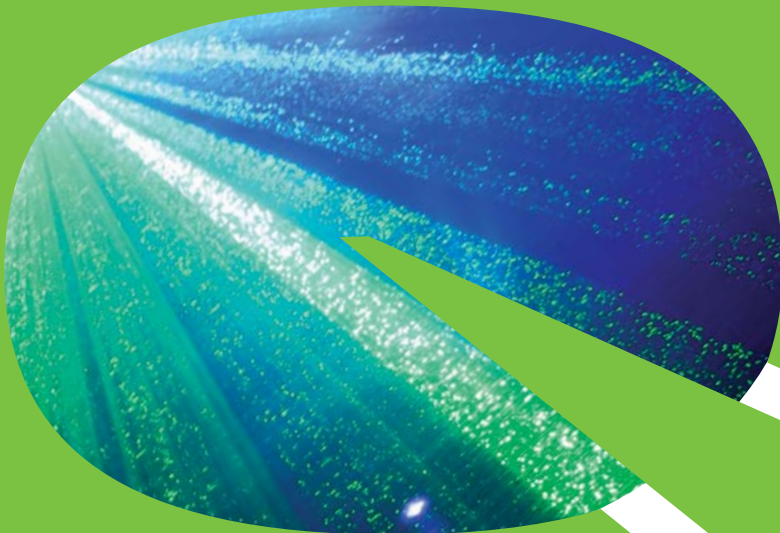


40 Degree Objective

Part No. AA-100500-01 (Cell)

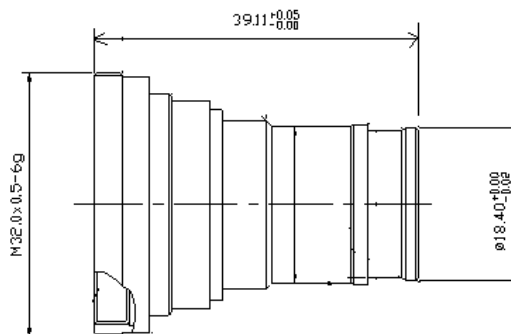


40 Degree Objective

Part No. AA-100500-01 (Cell)

Optical Data		
Property	Value	Remarks
Optical		
Focal Length	27.0mm +/- 0.5%	
F/#	<1.24	
Field of View	≥38°	For 18mm diameter image
Distortion	4.3% ± 1.3%	
MTF (on-axis Radial)		
40 lp/mm	≥60%	
Relative Illumination	>30%	At 9mm format
Mechanical		
Interface Control Drawing	See below layout	
Focus range		
Weight (estimate)	<39g	
Dimensions Envelope (approx)	39.2 X 31mm	Mechanical interfacing may be customized
Environmental		
Operating Temperature	-20°C, +45°C Duration 2 hrs each	
Storage Temperature	-40°C, +65°C Duration 2 hrs each	
External Coating	High Durability	
Salt Fog Test	MIL-STD-810C, Method 509.1 Procedure 1. Test duration 48 hours (The optics to be covered during the test)	
Shock (with Packaging)	Transit Shock Test	
Vibration (with Packaging)	In the frequency range of 5 to 55 Hz and up to 2g on each orthogonal axis.	

Disclaimer: Information above is for reference only. Qioptiq Singapore reserves the right to amend or change the information without prior notice.



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