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ScannerMAX Compact 506 Dual Axis Galvanometer

Optical Scanners

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- 3, 5, and 10mm Mirror Apertures
- Dual Axis Configuration with Protected Silver Coating
- Compact, Light-Weight, Low-Cost Scanners
- [High Performance ScannerMAX Saturn Scanners](#) Also Available

Common Specifications

General			
Model Number:		ScannerMAX Compact 506	
Physical & Mechanical Properties			
Rotor Inertia (gm-cm ²):		0.014	
Torque Constant (dyne-cm/A):		18,400	
Optical Properties			
Surface Flatness (P-V):		≤λ/4 @ 632.8nm	
Coating: Protected Silver		Substrate: Silicon (Si)	
Electrical			
Position Signal (V): ±10		Current - Peak (A): Maximum: 10	
Current - RMS (A): 1.85 (Case @ 50°C)		Coil Resistance (Ω): 1.8	
Coil Inductance (μH): 280		Back EMF Voltage (μV/°/s): 32.1	
Hardware & Interface Connectivity			
Power Requirement: ±24 VDC		Power Supply: 1 x #16-045 Europe (CE Marked): 2 x #14-571	
Environmental & Durability Factors			
Operating Temperature (°C):		0 to +50	

Technical Information

Products

Title	Stock Number	Price	Buy
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