

10mm Aperture, Protected Silver, Saturn 9B Single Axis Galvanometer Scanner

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£2,273.75

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Mirror Aperture (mm):
10

Surface Flatness (P-V):
≤λ/4 @ 632.8nm

Type:
Single Axis

Coating: Protected Silver
Scan Angle (°): 40 (Optical)
Substrate: ☐ Silicon (Si)
Operating Temperature (°C): 0 to +50
Dimensions (mm): 56.2 x 36.4 x 54.6 (of mount. Galvos protrude ~19mm)
Power Requirement: ±24 VDC
Position Signal (V): ±10
Current - Peak (A): Maximum: 25
Current - RMS (A): 5.7 (Case @ 50°C)
Coil Resistance (Ω): 1.65
Rotor Inertia (gm-cm²): 0.032
Torque Constant (dyne-cm/A): 41,000
Coil Inductance (μH): 130
Back EMF Voltage (μV/°/s): 71.6
Step Response 0.1° (μs): 300
Model Number: ScannerMAX Saturn 9B
Power Supply: Power Supply Required and Sold Separately. USA: #16-045 Europe: 2 x #14-571 Japan: #16-045 Korea: N/A* China: #16-045 *See copy for power supply requirements

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View