

5mm Aperture, Protected Silver, Saturn 5B Single Axis Galvanometer Scanner

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Stock **#16-043** 3-5 DAYS



1



S\$3,806.25

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Mirror Aperture (mm):
5

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): 48.2 x29.1 x43.5 (of mount. Galvos protrude ~19mm)
Power Requirement: ±24 VDC
Position Signal (V): ±10
Current - Peak (A): Maximum: 25
Current - RMS (A): 4.7 (Case @ 50°C)
Coil Resistance (Ω): 1.95
Rotor Inertia (gm-cm²): 0.026
Torque Constant (dyne-cm/A): 36,000
Coil Inductance (μH): 135
Back EMF Voltage (μV/°/s): 62.8
Step Response 0.1° (μs): 140
Model Number: ScannerMAX Saturn 5B
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