

MGA5012XS-A10 Protechnic 12VDC 50mm Blower Fan Datasheet



Brand: Protechnic

SKU: [904771911091](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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Product Page: <https://www.equipspares.com/product/mga5012xs-a10-protechnic-12vdc-50mm-blower-fan>

Product Description

The Protechnic MGA5012XS-A10 is a compact DC blower fan engineered for applications requiring directed airflow in constrained environments. This unit utilizes a precision-engineered sleeve bearing system designed to balance operational longevity with acoustic performance. The aerodynamic impeller geometry is optimized to generate sufficient static pressure, overcoming thermal impedance in densely packed electronic enclosures. Constructed with high-grade thermoplastic materials, the housing ensures structural rigidity and resistance to thermal deformation. The motor assembly features efficient DC brushless technology, providing consistent rotational stability and reliable thermal management for critical components.

Model Number: MGA5012XS-A10

Brand: Protechnic

Product Type: DC Blower Fan

Rated Voltage: 12VDC

Rated Current: 0.19 A

Dimensions: 50mm x 50mm

Bearing Type: Sleeve Bearing

Motor Type: DC Brushless

Airflow Direction: Lateral (Blower)

Housing Material: Thermoplastic

Blade Material: Thermoplastic

Termination: Lead Wires

Condition: New/Original

Application: Electronic Cooling

The MGA5012XS-A10 is specifically designed for integration into compact electronic assemblies where space is at a premium but thermal dissipation is critical. Common deployment scenarios for the MGA5012XS-A10 include cooling chipsets in small form factor PCs, ventilating 3D printer extruders, and managing temperatures in portable medical devices. Its blower configuration allows it to direct air at a 90-degree angle, making it ideal for spot cooling specific hotspots within server racks or telecommunications equipment.

Supplemental Images

