

MGA4012SB-O10 Protechnic 12VDC 40x40x10mm Cooling Fan Datasheet



Brand: Protechnic

SKU: [1044192272589](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/mga4012sb-o10-protechnic-12vdc-40x40x10mm-cooling-fan>

Product Description

Protechnic MGA4012SB-O10 is a 40 x 40 x 10 mm axial cooling fan operating at 12 VDC with a 0.06 A current draw. It features a precision ball bearing system and a 2-wire interface for power connection. The housing and impeller are constructed from UL 94V-0 rated thermoplastic PBT. The internal motor utilizes a brushless DC design with auto-restart protection and polarity protection.

MGA4012SB-O10 Specifications

Model: MGA4012SB-O10

Brand: Protechnic

Dimensions: 40 x 40 x 10 mm

Rated Voltage: 12 VDC

Operating Voltage: 10.2 to 13.8 VDC

Rated Current: 0.06 A

Input Power: 0.72 W

Rated Speed: 5000 RPM

Maximum Airflow: 5.8 CFM

Static Pressure: 0.12 in H₂O

Noise Level: 22 dBA

Bearing Type: Ball Bearing

Frame Material: PBT Plastic (UL 94V-0)

Impeller Material: PBT Plastic (UL 94V-0)

Termination: 2-wire Lead Wires

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Weight: 15 g

Life Expectancy: 50,000 hours at 40 °C

Approvals: CE, TUV, UL

MGA4012SB-O10 Applications

Primary applications include integration into network switch enclosures, server power supply units, and compact desktop computer chassis. Deployed within telecommunications hardware and industrial control panels requiring localized thermal management for internal circuitry.

Supplemental Images

