

MGA5012XB-O15 Protechnic 12VDC 0.20A 50x50x15mm Axial Fan Datasheet



Brand: Protechnic

SKU: [1048057480245](#)

Category: Axial & Centrifugal Fans

Price: **\$13.94**

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Product Page:

<https://www.equipspares.com/product/mga5012xb-o15-protechnic-12vdc-0-20a-50x50x15mm-axial-fan>

Product Description

Protechnic MGA5012XB-O15 50 x 50 x 15 mm 12 VDC 0.20 A 18.31 CFM axial fan. This high-performance cooling component features a dual ball bearing system and a PBT thermoplastic frame and impeller rated to UL 94V-0 standards. It operates at a nominal speed of 7000 RPM, generating a static pressure of 0.325 inH2O while maintaining a noise profile of 37.6 dBA. The electrical interface consists of a 2-wire lead wire configuration for direct DC power input.

MGA5012XB-O15 Specifications

Model: MGA5012XB-O15

Brand: Protechnic

Category: DC Axial Fan

Dimensions: 50 x 50 x 15 mm

Rated Voltage: 12 VDC

Operating Voltage: 10.8 to 13.2 VDC

Rated Current: 0.20 A

Input Power: 2.4 W

Rated Speed: 7000 RPM

Maximum Airflow: 18.31 CFM

Static Pressure: 0.325 inH2O

Noise Level: 37.6 dBA

Bearing Type: Dual Ball Bearing

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

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

Termination: 2-Wire Lead

Operating Temperature: -10 to +70 °C

Life Expectancy: 70,000 hours

Weight: 29 g

MGA5012XB-O15 Applications

Primary applications include integration into compact server chassis, industrial power supply units, and ultrasonic humidifiers. Deployed within 3D printer extruders, telecommunications networking hardware, and medical laboratory equipment requiring localized thermal dissipation.

Supplemental Images

