

MGA8012UR-O25 Protechnic 12VDC 0.66A 80x80x25mm Axial Fan Datasheet



Brand: Protechnic

SKU: [1041982187467](#)

Category: Axial & Centrifugal Fans

Price: **\$21.71**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/mga8012ur-o25-protechnic-12vdc-0-66a-80x80x25mm-axial-fan>

Product Description

Protechnic MGA8012UR-O25 is an 80 x 80 x 25 mm axial cooling fan operating at 12 VDC with a 0.66 A current draw. The unit features a five-blade reinforced PBT plastic impeller and a brushless DC motor architecture. It utilizes a high-performance dual ball bearing system designed for high-speed stability and extended operational life. Electrical connection is established via 400 mm lead wires terminated with a 2.54 mm pitch connector. The frame is constructed from UL 94V-0 rated thermoplastic.

MGA8012UR-O25 Specifications

Model: MGA8012UR-O25

Brand: Protechnic (Magic)

Category: DC Axial Fan

Dimensions: 80 x 80 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 10.8 to 13.2 VDC

Rated Current: 0.66 A

Rated Power: 7.92 W

Bearing Type: Dual Ball Bearing

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

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

Number of Blades: 5

Lead Wire Length: 400 mm

Connector Type: 2.54 mm Pitch

Motor Type: Brushless DC

Operating Temperature: -10 to 70 °C

Storage Temperature: -40 to 70 °C

Insulation Resistance: 10M Ohm at 500 VDC

Dielectric Strength: 5 mA Max at 500 VAC for 1 minute

Safety Approvals: CE, TUV, UL

MGA8012UR-O25 Applications

Primary applications include integration into industrial PC (IPC) chassis, high-density server rack enclosures, and switch-mode power supply (SMPS) thermal management systems. Deployed within CNC controller cabinets and telecommunications base station cooling modules.

Supplemental Images

