

MGT7012LR-O15 Protechnic 12VDC 70x70x15mm 0.10A Axial Fan Datasheet



Brand: Protechnic

SKU: [1045860779346](#)

Category: Axial & Centrifugal Fans

Price: **\$22.14**

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Product Page:

<https://www.equipspares.com/product/mgt7012lr-o15-protechnic-12vdc-70x70x15mm-0-10a-axial-fan>

Product Description

Protechnic MGT7012LR-O15 is a 70 x 70 x 15 mm axial cooling fan operating at 12 VDC with a 0.10 A current draw. The unit features a PBT thermoplastic housing and impeller rated to UL 94V-0 standards. It utilizes a precision Magic Bearing system to achieve a rotational speed of 2,500 RPM, delivering an airflow of 22.5 CFM and a static pressure of 2.8 mmH₂O. The electrical interface consists of a 2-wire lead configuration with a nominal power consumption of 1.2 W.

MGT7012LR-O15 Specifications

Model: MGT7012LR-O15

Brand: Protechnic

Dimensions: 70 x 70 x 15 mm

Rated Voltage: 12 VDC

Operating Voltage: 10.2 to 13.8 VDC

Rated Current: 0.10 A

Input Power: 1.2 W

Rated Speed: 2,500 RPM

Maximum Airflow: 22.5 CFM

Static Pressure: 2.8 mmH₂O

Noise Level: 28 dBA

Bearing Type: Magic Bearing (Hydro-Dynamic)

Frame Material: PBT Plastic (UL 94V-0)
Impeller Material: PBT Plastic (UL 94V-0)
Termination: 2-Wire Lead
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +70 °C
Weight: 45 g
Insulation Resistance: 10 MΩ at 500 VDC
Dielectric Strength: 5 mA Max at 500 VAC for 1 minute

MGT7012LR-O15 Applications

Primary applications include integration into compact PC chassis power supplies, industrial frequency converters, and telecommunications rack cooling systems. Deployed within server blade enclosures and localized thermal management modules for medical diagnostic equipment.

Supplemental Images

