

MGT6012LR-A15 Magic 12V 0.12A 60x60x15mm Cooling Fan Datasheet



Brand: Protechnic

SKU: 805664922019

Category: Axial & Centrifugal Fans

Price: \$10.99

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Product Page:

<https://www.equipspares.com/product/mgt6012lr-a15-magic-12v-0-12a-60x60x15mm-cooling-fan>

Product Description

The Magic MGT6012LR-A15 is a compact DC axial fan designed for reliable thermal management in electronic enclosures. With a 60mm footprint and a slim 15mm profile, it delivers consistent airflow while maintaining low power consumption. This unit operates at 12VDC and utilizes a durable bearing system to ensure longevity in continuous operation environments, making it an excellent choice for replacing OEM fans in various industrial and consumer electronics.

Manufacturer: Magic (Protechnic Electric)

Model Number: MGT6012LR-A15

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Operating Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.12 A

Power Consumption: 1.44 W

Dimensions: 60 x 60 x 15 mm

Bearing Type: Rifle / Sleeve Bearing

Nominal Speed: 3500 RPM

Max. Air Flow: 16.5 CFM (28.0 m³/h / 0.47 m³/min)

Max. Static Pressure: 2.8 mmH₂O (27.4 Pa / 0.11 inH₂O)

Noise Level: 26.0 dBA

Termination: 3-Wire Leads

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10 to +70 °C

Weight: 45 g

The MGT6012LR-A15 is specifically engineered for space-constrained electronic applications requiring reliable heat dissipation. It is widely utilized in server chassis, network cabinets, and industrial automation control panels where maintaining optimal operating temperatures is critical. Additionally, this cooling fan serves as an effective replacement component for power supply units, small form factor PC cases, and telecommunications equipment, ensuring stable performance by preventing thermal throttling in sensitive circuitry.

Supplemental Images

