

MGA5012LR-A20 Protechnic 12V 0.09A Dual Ball Bearing Fan Datasheet



Brand: Protechnic

SKU: 805813965504

Category: Axial & Centrifugal Fans

Price: \$10.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mga5012lr-a20-protechnic-12v-0-09a-dual-ball-bearing-fan>

Product Description

The Protechnic MGA5012LR-A20 is a high-reliability DC axial fan designed for compact industrial applications requiring consistent thermal management. Featuring a durable dual ball bearing system, this 50mm unit ensures stable operation and an extended lifespan, making it suitable for continuous duty cycles. Its low current draw of 0.09A provides an efficient balance between airflow performance and power consumption, optimized for sensitive electronic and optical devices.

Manufacturer: Protechnic Electric (Magic)

Model Number: MGA5012LR-A20

Product Type: DC Axial Cooling Fan

Rated Voltage: 12VDC

Rated Current: 0.09A

Input Power: 1.08W

Dimensions: 50 x 50 x 20 mm

Bearing Type: Dual Ball Bearing

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Termination: 2-Wire Leads

Mounting Style: Ribbed Flange

Operating Temperature: -10 to +70 °C

Application Category: Industrial/Optical Cooling

Designed primarily for precision instrumentation, this cooling fan is an excellent choice for maintaining optimal operating temperatures in laser equipment and optical projectors. The MGA5012LR-A20 effectively dissipates heat from laser diodes and power supplies within compact enclosures, preventing thermal throttling and ensuring the longevity of critical industrial components.

Supplemental Images

