

MGT9212UB-W25 Protechnic 12VDC 1.10A 92mm Axial Fan Datasheet



Brand: Protechnic

SKU: 1038378121290

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/mgt9212ub-w25-protechnic-12vdc-1-10a-92mm-axial-fan>

Product Description

The Protechnic MGT9212UB-W25 is a high-performance axial cooling fan measuring 92 x 92 x 25 mm, operating at a nominal 12 VDC with a high-current draw of 1.10 A. This unit features a robust dual ball bearing system and a 4-wire interface supporting Pulse Width Modulation (PWM) for precise speed control and tachometer output. Constructed with a thermoplastic PBT frame and impeller, the brushless DC motor is designed for high-pressure air displacement and extended operational life in thermally demanding environments.

MGT9212UB-W25 Specifications

Model Number: MGT9212UB-W25

Brand: Protechnic (Magic)

Dimensions: 92 x 92 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 7.0 to 13.8 VDC

Rated Current: 1.10 A

Bearing Type: Dual Ball Bearing

Interface: 4-Wire (PWM Control, Speed Signal)

Connector Type: 4-Pin

Material: PBT Plastic (UL 94V-0)

Motor Type: Brushless DC

Speed Control: PWM (Pulse Width Modulation)

Operating Temperature: -10 to 70 °C

Storage Temperature: -40 to 70 °C

Life Expectancy: 70,000 hours at 40 °C

Insulation Resistance: 10 MΩ min at 500 VDC

Dielectric Strength: 5 mA max at 600 VAC

MGT9212UB-W25 Applications

Primary applications include integration into high-density server chassis, industrial power supply units, and telecommunications rack cooling systems. Deployed within CNC control cabinets and workstation CPU heatsinks requiring high static pressure and variable thermal management.

Supplemental Images

