

MGT8012UB-R25G Protechnic 12VDC 0.82A 80x80x25mm IP68 Fan Datasheet



Brand: Protechnic

SKU: [1047578361684](#)

Category: Axial & Centrifugal Fans

Price: **\$19.64**

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Product Page:

<https://www.equipspares.com/product/mgt8012ub-r25g-protechnic-12vdc-0-82a-80x80x25mm-ip68-fan>

Product Description

Protechnic MGT8012UB-R25G is an 80 x 80 x 25 mm axial cooling fan operating at 12 VDC with a 0.82 A current draw. It features a dual ball bearing system and a PBT thermoplastic housing and impeller rated for UL 94V-0 flammability. The unit provides an IP68 ingress protection rating, ensuring full submersion capability and dust resistance. Internal electronics are encapsulated for environmental sealing, supporting a 3-wire interface for tachometer output.

MGT8012UB-R25G Specifications

Model: MGT8012UB-R25G

Brand: Protechnic Electric

Dimensions: 80 x 80 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 7.0 to 13.8 VDC

Rated Current: 0.82 A

Rated Power: 9.84 W

Rated Speed: 4800 RPM

Maximum Airflow: 68.88 CFM

Maximum Static Pressure: 9.17 mmH₂O

Bearing Type: Dual Ball Bearing

Ingress Protection: IP68

Noise Level: 45.2 dBA

Material: PBT Plastic (UL 94V-0)

Termination: 3-wire Lead

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Life Expectancy: 70,000 hours at 40 °C

Safety Approvals: UL, TUV, CE

Weight: 95 g

MGT8012UB-R25G Applications

Primary applications include integration into outdoor telecommunications enclosures, industrial server chassis, and high-density power supply cooling systems. Deployed within CNC control cabinets and marine electronic navigation arrays requiring IP68-rated thermal management.

Supplemental Images

