

GFM0412SS-02D4P Delta 12V 1.6A DC Axial Cooling Fan

SKU: GFM0412SS-02D4P

Price: \$9.99

Categories: Fans

Tags: Delta

Product Link:

<https://www.electspares.com/product/gfm0412ss-02d4p-delta-12v-1-6a-dc-axial-cooling-fan/>

Product Description

The Delta GFM0412SS-02D4P is an extremely high-performance 12V DC axial cooling fan from Delta Electronics, engineered for severe thermal management challenges within highly space-constrained environments. Measuring 40mm x 40mm x 28mm, this fan operates at a formidable rated current of 1.60A (19.2W), achieving an astonishing speed of 18,000 RPM. This robust performance yields an exceptional airflow of 25.0 CFM and a very high static pressure of 1.80 inch-H₂O, enabling it to efficiently push air through highly restrictive pathways. Equipped with durable ball bearings, it ensures a long operational life of 70,000 hours at 40°C. The fan utilizes 4-wire leads, providing both PWM control for precise speed adjustment and a speed sensor for real-time status monitoring. This makes it an indispensable solution for cooling densely packed server components, high-power embedded systems, and specialized industrial equipment where extreme thermal management is critical in compact spaces, despite its inherent noise level of 60.0 dBA.

Model Number: GFM0412SS-02D4P

Manufacturer: Delta Electronics

Type: DC Axial Cooling Fan

Dimensions: 40mm x 40mm x 28mm

Rated Voltage: 12V DC

Rated Current: 1.60A

Rated Power: 19.2W

Speed: 18,000 RPM

Airflow: 25.0 CFM / 0.70 m³/min

Static Pressure: 1.80 inch-H₂O / 448 Pa

Noise Level: 60.0 dBA

Connector: 4-Wire Leads

Bearing Type: Ball Bearing

Life Expectancy: 70,000 hours at 40°C

Operating Temperature: -10°C to 70°C

Frame Material: Plastic

Impeller Material: Plastic

Features: PWM Control, Speed Sensor, Locked Rotor Protection, Auto Restart

Product Images









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