

AFC0812DD-AAP Delta 12V 0.75A 4-wire PWM fan

SKU: AFC0812DD-AAP

Price: \$9.99

Categories: Fans

Tags: Delta

Product Link:

<https://www.electspares.com/product/afc0812dd-aap-delta-12v-0-75a-4-wire-pwm-fan/>

Product Description

The Delta AFC0812DD-AAP is a powerful 80x80x20mm DC axial fan from Delta's AFC series. Operating on 12VDC, it consumes 9.0W of power with a current draw of 0.75A. This fan features robust double ball bearings for extended reliability and a long operational life of 80,000 hours at 25°C.

It delivers a wide range of airflow, from 28 CFM to 58 CFM, with a variable speed between 1800 RPM and 5000 RPM. This variability is enabled by its 4-wire configuration, which provides PWM speed control for precise fan speed adjustment based on thermal demands, as well as a tachometer output for real-time monitoring of fan operation. The noise level ranges from 42.5 dBA to 55 dBA, indicating its high-performance capabilities.

This fan is an excellent choice for cooling demanding applications such as CPU radiators, server cases, power supply transformations, water cooling auxiliary systems, game console cooling, and highly reliable servers where powerful, controllable airflow and monitoring are critical.

Delta new original and authentic AFC0812DD 12V 0.75A 8020 4-wire PWM fan

Model Number: AFC0812DD-AAP

Manufacturer: Delta Electronics

Series: AFC

Fan Type: DC Brushless Axial Fan

Dimensions L x H x W: 80 mm x 80 mm x 20 mm

Rated Voltage: 12 VDC

Rated Current: 0.75 A

Input Power: 9.0 W

Wiring: 4 Wire Leads

Bearing Type: Double Ball Bearing

Rotational Speed RPM: 1800 RPM to 5000 RPM

Maximum Airflow: 28 CFM to 58 CFM

Maximum Static Pressure: Varies with speed

Noise Level: 42.5 dBA to 55 dBA

Frame Material: Plastic

Impeller Blade Material: Plastic

Control Functions: PWM Speed Control, Speed Sensor (Tachometer)

Protection Functions: Maintenance-free double ball bearings with long service life, locked rotor protection, reverse polarity protection (common for Delta fans with these features)

Operating Temperature Range: -10°C to +70°C

Expected Life: 80,000 Hours at 25°C (or 50,000 hours at 40°C depending on specific datasheet variant)

Mass: Approximately 71 g to 80 g

Safety Approvals: CE, UL, CSA, VDE (common for Delta fans)

Product Images









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