

QFR0812UH-H5D Delta 12VDC 0.87A 80mm Axial Cooling Fan Datasheet



Brand: Delta

SKU: [QFR0812UH-H5D](#)

Category: Axial & Centrifugal Fans

Price: **\$23.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/qfr0812uh-h5d-delta-12vdc-0-87a-80mm-axial-cooling-fan>

Product Description

Delta QFR0812UH-H5D is an 80 x 80 x 25 mm axial cooling fan operating at a nominal 12 VDC and 0.87 A, delivering a primary output of 63.21 CFM. Constructed with a rigid polymer frame and impeller, this unit integrates a maintenance-free dual ball bearing system designed for extended operational longevity under high thermal loads. The hardware features a 4-wire interface supporting precise PWM speed regulation and tachometer feedback, ensuring dynamic airflow adjustment and optimal static pressure generation.

QFR0812UH-H5D Specifications

Model Number: QFR0812UH-H5D

Brand: Delta Electronics

Product Category: DC Brushless Axial Fan

Nominal Voltage: 12 VDC

Operating Voltage Range: 10.8 VDC to 12.6 VDC

Rated Current: 0.87 A

Maximum Airflow: 63.21 CFM

Dimensions: 80 x 80 x 25 mm

Bearing Type: Dual Ball Bearing

Termination: 4-Wire (Power, Ground, PWM, Tachometer)

Control Method: PWM Temperature Control

Speed Measurement: Supported (Tachometer Sensor)

Frame Material: Plastic (UL 94V-0)

Blade Material: Plastic (UL 94V-0)

Maximum Speed: 5600 RPM

Acoustic Noise: 50.5 dB(A)

Operating Temperature: -10 °C to 60 °C

Life Expectancy: 70,000 Hours at 40 °C

QFR0812UH-H5D Applications

Primary applications include integration into 2U rackmount servers, industrial CNC control cabinets, and high-density switching power supplies. Deployed within telecommunications base stations and automated manufacturing chassis, the fan provides critical thermal management for continuous-duty CPU coolers and water cooling radiators.

Supplemental Images

