DFTA0456B2H AVC 12VDC 40x40x56mm Counter-Rotating Fan Datasheet

Brand: AVC

SKU: 1002903709256

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dfta0456b2h-avc-12vdc-40x40x56mm-counter-rotating-fan

Product Description

The AVC DFTA0456B2H is a high-density counter-rotating axial fan designed for mission-critical thermal management in 1U server chassis and telecommunications equipment. Engineered with a dual-motor architecture, this 40mm cooling solution features contra-rotating blade geometry to maximize static pressure and minimize flow impedance, ensuring efficient heat dissipation in restricted spaces. The unit utilizes precision dual ball bearings to ensure long-term reliability under continuous operation, effectively managing thermal loads in high-impedance environments. Its robust thermoplastic housing offers superior structural rigidity, while the 12VDC drive system delivers exceptional airflow performance relative to its compact footprint, making it a standard component for enterprise-grade hardware.

Model: DFTA0456B2H
Brand: AVC (Asia Vital Components)
Product Type: Counter-Rotating DC Axial Fan
Rated Voltage: 12VDC
Rated Current: 1.50 A
Power Consumption: 18.0 W
Dimensions: 40 x 40 x 56 mm
Bearing Type: Dual Ball Bearing
Motor Type: Brushless DC (Dual Motor)

Airflow Direction: Counter-Rotating (High Static Pressure)
Termination: Lead Wires with Connector
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Mounting Style: Ribbed Flange
Speed Control: PWM Support (implied by server application)
Operating Temperature: -10°C to +70°C
Life Expectancy: 70,000 Hours at 40°C

Designed specifically for high-density computing environments, the DFTA0456B2H excels in cooling 1U rackmount servers and blade enclosures where back-pressure is significant. The DFTA0456B2H provides the necessary static pressure to force air through dense heatsinks and tightly packed component arrays, making it ideal for network switches, RAID arrays, and industrial power supplies requiring compact yet powerful thermal dissipation.

Supplemental Images


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Made In China
DP/N 0FKC4V