DFPA0880B8U-P002 AVC 48VDC 80x80x80mm 1.56A Cooling Fan Datasheet

Brand: AVC

SKU: 968840108397

Category: Axial & Centrifugal Fans

Price: **$18.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dfpa0880b8u-p002-avc-48vdc-80x80x80mm-1-56a-cooling-fan

Product Description

The AVC DFPA0880B8U-P002 is a high-performance DC axial fan designed for mission-critical thermal management in dense server environments. Utilizing advanced dual ball bearing architecture and a counter-rotating blade configuration, this unit delivers exceptional airflow while overcoming significant system impedance. The robust thermoplastic housing ensures structural rigidity under high-speed operation, effectively minimizing vibration and resonance. Engineered for continuous duty, the motor assembly optimizes electrical efficiency to manage thermal loads in telecommunications and industrial computing hardware.

Model Number: DFPA0880B8U-P002
Brand: AVC (Asia Vital Components)
Product Type: DC Axial Fan (Counter-Rotating)
Rated Voltage: 48 VDC
Voltage Range: 36.0 - 57.0 VDC
Rated Current: 1.56 A
Power Consumption: 74.88 W
Rated Speed: 11000 RPM (Inlet) / 10000 RPM (Outlet)
Bearing Type: Dual Ball Bearing
Max. Air Flow: 162.5 CFM (276.1 m^3/h / 4.60 m^3/min)
Max. Static Pressure: 3.85 inH_2O (958 Pa / 97.7 mmH_2O)

Dimensions: 80 x 80 x 80 mm
Weight: 450 g
Life Expectancy: 70,000 Hours at 40°C
Speed Control: PWM (Pulse Width Modulation)
Signal Output: Tachometer (Frequency Generator)
Housing Material: PBT (UL94V-0)
Blade Material: PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: 4-Wire Lead with Connector
Ingress Protection: IP20
Certifications: UL, cUL, TUV, CE, RoHS

The DFPA0880B8U-P002 is specifically engineered for high-density server chassis and blade servers where back-pressure is a significant factor. Its counter-rotating design makes the DFPA0880B8U-P002 ideal for telecommunications base stations, network switches, and industrial rectifiers requiring forced air cooling through dense heatsinks. Additionally, this unit is suitable for precision cooling in medical instrumentation and high-performance computing clusters.

Supplemental Images


MODEL DFPA0880B8U
DC 48V 1.56A P002
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