

AFB0524VHD DC Brushless Axial Fan

50 × 50 × 20 mm | 24 V DC | Ball bearing | Product data sheet

The AFB0524VHD is a compact 50 mm DC brushless axial fan from Delta Electronics for 24 V DC systems. An electronically commutated motor drives a plastic impeller on a ball bearing at 7000 RPM, delivering 20.3 CFM of forced-air cooling for 2.4 W of input power. It is used to cool electronic and electrical equipment such as power supplies, drives, control units and enclosures.



GENERAL	
Manufacturer	Delta Electronics, Inc.
Model	AFB0524VHD
Series	AFB
Product type	DC brushless axial (tubeaxial) fan
Bearing type	Ball bearing
PERFORMANCE	
Rated speed	7000 RPM
Air flow	20.3 CFM
Static pressure	0.303 inH2O (7.70 mmH2O)
Noise	40.5 dB(A)
ELECTRICAL	
Rated voltage	24 V DC
Rated power	2.4 W
MECHANICAL & ENVIRONMENTAL	
Frame size	50 × 50 mm
Thickness	20 mm
Frame / blade material	Plastic / Plastic
Termination	2 lead wires
Net weight	38 g
Operating temperature	−10 to +70 °C
Life expectancy	70,000 h at 40 °C
COMPLIANCE	
Safety approvals	CE, UL, CSA, VDE

Typical applications: forced-air cooling of power supplies, motor drives, control electronics, instrumentation and electrical enclosures.

Specifications are taken from the manufacturer's published data and are subject to change without notice. Confirm against the current manufacturer manual before rated or safety-critical use.
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