



## AFB0512LB-A Delta

Brand: Delta

SKU: AFB0512LB-A

Category: DC Axial Fans

URL: <https://www.fansco.com/item/afb0512lb-a-delta/>

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## Product Description

AFB0512LB-A Delta 50x50x15mm Ball 12VDC 11.67CFM(0.330m<sup>3</sup>/min)  
0.119inchH<sub>2</sub>O(3.03mmH<sub>2</sub>O) 24.0dB(A) 1.08W 4300RPM 2wire leads fan

Delta AFB0512LB-A is a DC brushless blower with a nominal voltage of 12VDC (operating voltage 5.0-13.8VDC), maximum input current of 0.11A, power of 1.32W, and rotational speed of 4300RPM. It delivers a maximum air flow of 0.330m<sup>3</sup>/min (minimum 0.297m<sup>3</sup>/min) and maximum static pressure of 3.031mmH<sub>2</sub>O (minimum 2.455mmH<sub>2</sub>O), with an average acoustic noise of 24.0dB(A) (maximum 28.0dB(A)). The frame and impeller are made of UL 94V-0 flame-retardant plastic, equipped with double ball bearings, weighing 20g, and rotating clockwise from the nameplate side. It uses UL 1007-F AWG#24 leads (red+ black-), operates at -10°C to 70°C, stores at -40°C to 75°C, and features locked rotor protection (preventing fire within 96h of lock-up) and reverse polarity protection, with a 70,000-hour lifespan at 40°C/15%-65%RH, suitable for low-power and low-noise cooling in small devices.

## Technical Specifications

Attribute	Value
Part Number	AFB0512LB-A
Manufacturer	Delta Electronics
Dimensions	50x50x15 mm
Termination	2 wire leads
Approval Agency	CE, CSA, UL, VDE
Features	Locked Rotor Protection
Series	AFB
Air Flow (m <sup>3</sup> )	0.330 m <sup>3</sup> /min
Fan Type	DC
Fan Speed	4300 RPM
Power Rating	1.08 W
Noise Level	24.0 dB(A)
Static Pressure	0.119 inchH <sub>2</sub> O (3.03 mmH <sub>2</sub> O)
Air Flow	11.67 CFM

Voltage Rating	12 VDC
Bearing Type	Ball Bearing
Weight	0.045 lb (20.41 g)
Category	Axial
Current Rating	0.09 A
Operating Voltage	5 ~ 13.8 VDC
Material Frame	Plastic
Material Blade	Plastic
Lifetime @ Temp	70000 Hrs @ 40°C