



EFB0512HA Delta

Brand: Delta

SKU: EFB0512HA

Category: DC Axial Fans

URL: <https://www.fansco.com/item/efb0512ha-delta/>

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Product Description

EFB0512HA Delta 50x50x10mm Ball 12VDC 11.40CFM(0.323m³/min)
0.167inchH₂O(4.24mmH₂O) 30.0dB(A) 1.20W 5500RPM 2wireleads fan

Delta EFB0512HA is a DC brushless axial flow fan with a nominal voltage of 12VDC (operating voltage 7.0-13.8VDC), maximum input current of 0.15A, power of 1.80W, and rotational speed of 5500RPM. It delivers a maximum air flow of 0.323m³/min (minimum 0.291m³/min) and maximum static pressure of 4.24mmH₂O (minimum 3.43mmH₂O), with an average acoustic noise of 30.0dB(A) (maximum 35.0dB(A)). Measuring 50.0×40.0×10.0mm and weighing 25g, the frame and impeller are made of UL 94V-0 flame-retardant plastic, equipped with double ball bearings and rotating clockwise when viewed from the nameplate side. It uses UL 2468-F AWG#28 leads (red for positive, black for negative), operates at -10°C to 70°C, stores at -40°C to 75°C, and has a working humidity of 5%-90%RH. With locked rotor protection (preventing fire within 96 hours of lock-up) and reverse polarity protection, it has a lifespan of 70,000 hours at 40°C and 15%-65%RH, suitable for low-power cooling in small electronic devices.

Technical Specifications

Attribute	Value
Part Number	EFB0512HA
Manufacturer	Delta Electronics
Dimensions	50x50x10 mm
Power Rating	1.20 W
Approval Agency	CE, CSA, UL, VDE
Operating Temperature	14 ~ 158°F (-10 ~ 70°C)
Features	Locked Rotor Protection
Series	EFB
Air Flow (m ³)	0.323 m ³ /min
Termination	2 wire leads
Fan Speed	5500 RPM
Fan Type	DC

Static Pressure	0.167 inchH2O (4.24 mmH2O)
Noise Level	30.0 dB(A)
Air Flow	11.40 CFM
Voltage Rating	12 VDC
Bearing Type	Ball Bearing
Weight	0.057 lb (25.85 g)
Category	Axial
Current Rating	0.10 A
Operating Voltage	7 ~ 13.8 VDC
Material Frame	Plastic
Material Blade	Plastic
Lifetime @ Temp	70000 Hrs @ 40°C







