



ASB0412VHA-AF0B Delta

Brand: Delta

SKU: ASB0412VHA-AF0B

Category: DC Axial Fans

URL: <https://www.fansco.com/item/asp0412vha-af0b-delta/>

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| Product Description

The Delta ASB0412VHA-AF0B is a 40 x 40 x 10 mm DC axial fan operating at 12 VDC (5.0-13.2 VDC range) with a rated speed of 4800 RPM. This 3-wire brushless fan delivers a maximum airflow of 3.13 CFM (0.089 m³/min) and a static pressure of 2.95 mmH₂O (0.116

inchH2O) at a 1.20W nominal power input. Constructed with a sleeve bearing system and UL 94V-0 plastic housing, it features an integrated frequency generator (FG) signal for precise speed monitoring. The unit maintains an average noise level of 28.0 dB(A) and offers an L10 life expectancy of 30,000 hours at 40°C. This compact fan is widely used for heat dissipation in networking switches, routers, and slim electronic enclosures.

Technical Specifications

Attribute	Value
Part Number	ASB0412VHA-AF0B
Power Rating	1.20 W
Approval Agency	CE, cURus, VDE
Operating Temperature	14 ~ 140°F (-10 ~ 60°C)
Features	Locked Rotor Protection, Speed Sensor (Tach)
Series	ASB
Air Flow (m3)	0.083 m3/min
Dimensions	36.9x10.30 mm
Termination	3 wire leads
Manufacturer	Delta Electronics
Fan Speed	4800 RPM
Fan Type	DC
Static Pressure	0.116 inchH2O (2.95 mmH2O)
Noise Level	28.0 dB(A)
Air Flow	3.13 CFM
Voltage Rating	12 VDC
Bearing Type	Sleeve Bearing
Weight	0.025 lb (11.34 g)
Category	Axial
Current Rating	0.08 A
Operating Voltage	5 ~ 13.2 VDC
Material Frame	Plastic
Material Blade	Plastic
Lifetime @ Temp	30000 Hrs @ 40°C