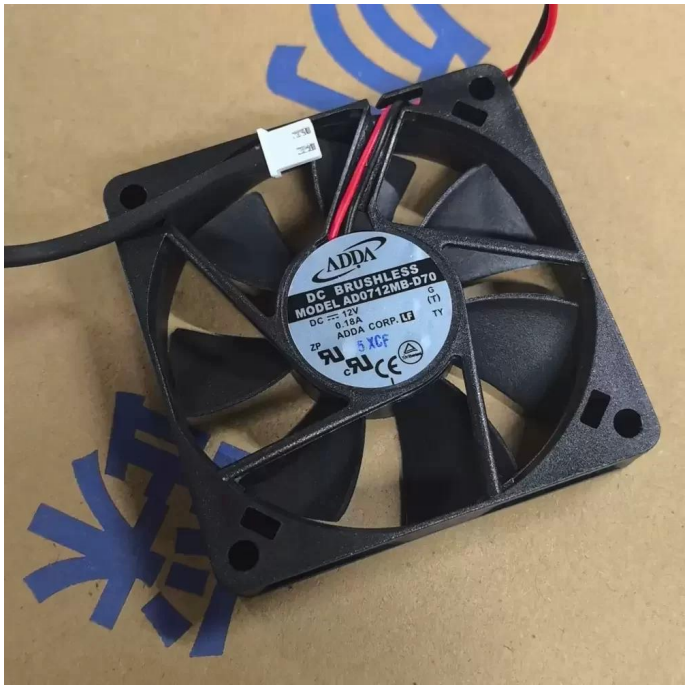
AD0712MB-D70 ADDA 12VDC 70x70x15mm 2-Wire Axial Fan Datasheet



Brand: ADDA

SKU: 990574207741

Category: Axial & Centrifugal Fans

Price: **$6.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ad0712mb-d70-adda-12vdc-70x70x15mm-2-wire-axial-fan

Product Description

The ADDA AD0712MB-D70 is a DC Axial Fan engineered for precision thermal management in compact industrial enclosures and computing systems. Utilizing advanced Brushless DC (BLDC) motor technology paired with a robust Double Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous load conditions. The 70x70x15mm frame is constructed from reinforced PBT, offering superior structural rigidity and resistance to thermal deformation. Its aerodynamic impeller design optimizes airflow efficiency while maintaining low acoustic resonance, making it an ideal solution for systems requiring a balance between static pressure and volumetric flow within a slim profile.

Model Number: AD0712MB-D70
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 0.18 A
Power Consumption: 2.16 W
Rated Speed: 3800 RPM
Bearing Type: Double Ball Bearing
Max. Air Flow: 28.5 CFM (48.4 m^3/h / 0.81 m^3/min)

Max. Static Pressure: 3.2 mmH_2O (31.4 Pa / 0.13 inH_2O)
Dimensions: 70 x 70 x 15 mm
Weight: 55 g
Life Expectancy: 70,000 Hours @ 40°C
Noise Level: 34.0 dB(A)
Housing Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Termination: 2-Wire Lead
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Safety Certifications: UL, CUL, TUV, CE

The AD0712MB-D70 is specifically designed for integration into space-constrained electronic assemblies such as 2U server racks, industrial power supplies, and compact telecommunications modules. Its slim 15mm profile allows the AD0712MB-D70 to fit seamlessly into computer chassis and CNC control panels where standard thickness fans cannot be accommodated, ensuring critical components remain within safe thermal operating limits.

Supplemental Images