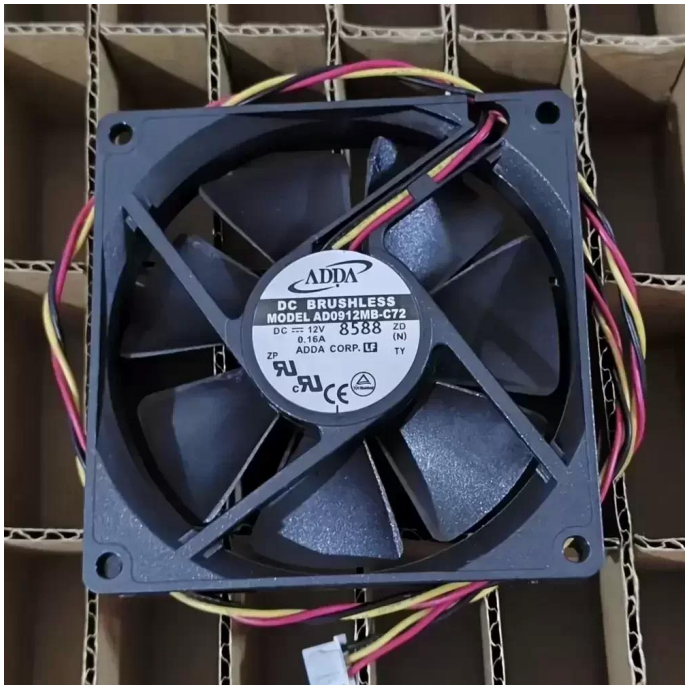
AD0912MB-C72 ADDA 12VDC 92x92x20mm 3-Wire Axial Fan Datasheet



Brand: ADDA

SKU: 833159239357

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad0912mb-c72-adda-12vdc-92x92x20mm-3-wire-axial-fan

Product Description

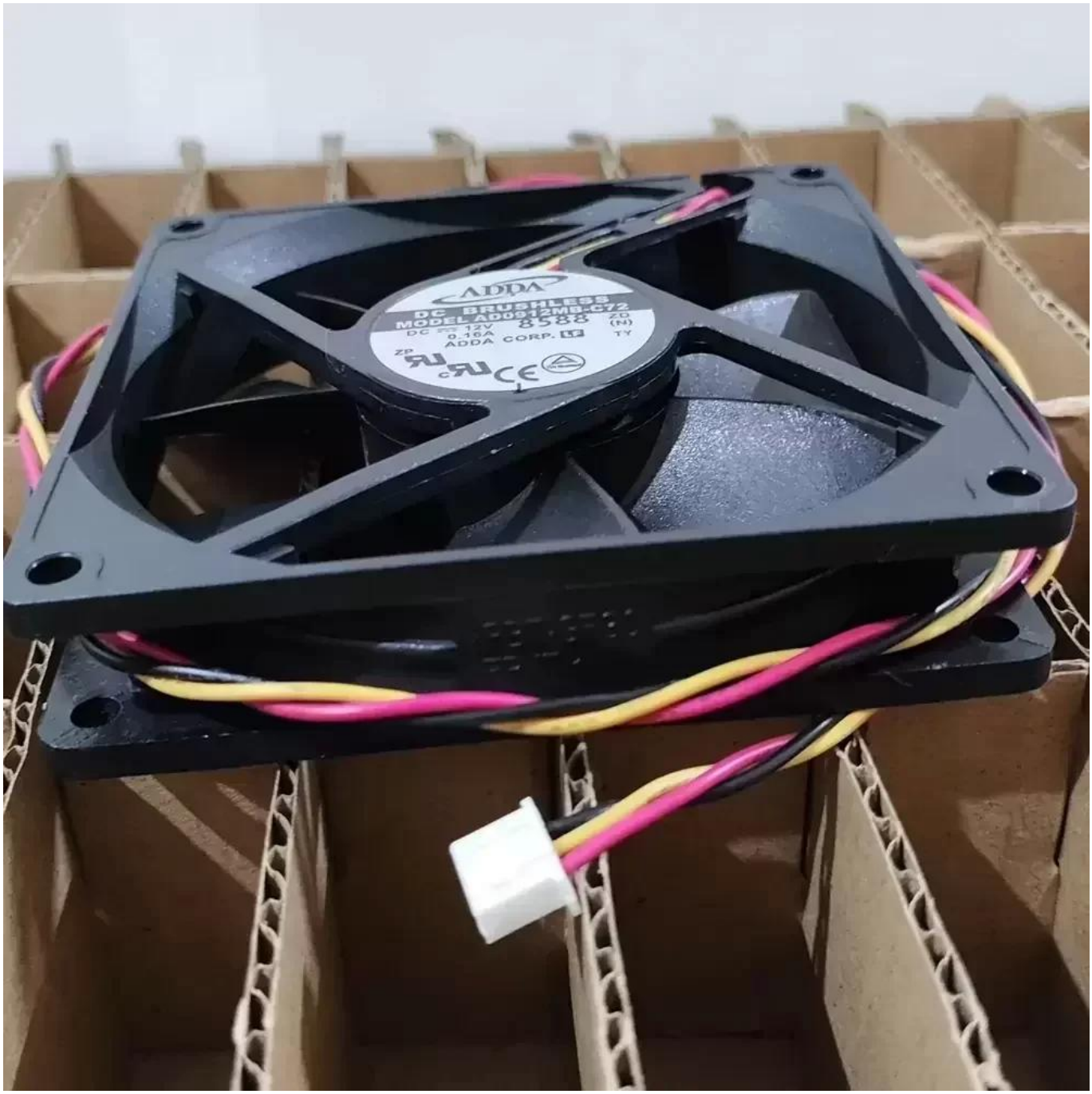
The ADDA AD0912MB-C72 is a precision-engineered DC Axial Fan designed for optimal thermal management in electronic enclosures and industrial chassis. Featuring a robust Two Ball Bearing architecture, this 92mm unit ensures reduced friction and extended operational longevity under continuous loads. The aerodynamic impeller design minimizes turbulence, effectively lowering the acoustic signature while maintaining consistent airflow. Engineered with high structural rigidity, the PBT frame resists vibration, ensuring stability in demanding environments. This model operates at 12VDC with a medium speed profile, balancing static pressure capabilities with energy efficiency to mitigate thermal impedance in sensitive components.

Model Number: AD0912MB-C72
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.16 A
Input Power: 1.92 W
Rated Speed: 2400 RPM
Bearing Type: Two Ball Bearing
Max. Air Flow: 39.2 CFM (66.6 m^3/h / 1.11 m^3/min)

Max. Static Pressure: 2.9 mmH_2O (28.4 Pa / 0.11 inH_2O)
Dimensions: 92 x 92 x 20 mm
Noise Level: 31.5 dB(A)
Termination: 3-Wire Leads (with Speed Sensor)
Frame Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 70,000 Hours at 40°C
Ingress Protection: IP20
Certifications: UL, cUL, TUV, CE, RoHS

The AD0912MB-C72 is frequently utilized in compact server chassis and industrial automation cabinets where space constraints require a slim 20mm profile. Its balanced airflow makes the AD0912MB-C72 ideal for cooling power supply units, telecommunications equipment, and network switches. Additionally, this unit serves effectively in medical instrumentation and workstation cooling solutions, providing reliable heat dissipation for critical circuitry.

Supplemental Images


ADDA
DC BRUSHLESS
MODEL AD0912MB-C72
DC 12V
0.16A
ADDA CORP.