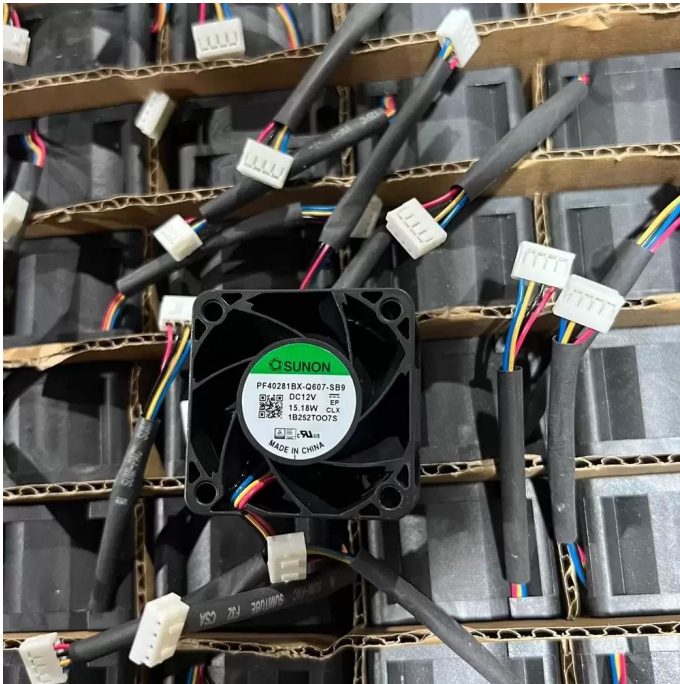


PF40281BX-Q607-SB9 SUNON 12V 15.18W 40x40x28mm DC Axial Fan Datasheet



Brand: SUNON

SKU: 1040360364146

Category: Axial & Centrifugal Fans

Price: **\$14.29**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/pf40281bx-q607-sb9-sunon-12v-15-18w-40x40x28mm-dc-axial-fan>

Product Description

SUNON PF40281BX-Q607-SB9 is a 40 x 40 x 28 mm high-performance DC axial fan operating at 12 VDC with a power consumption of 15.18 W and a rotational speed of 22500 RPM. The unit features a dual ball bearing system and a 4-wire interface supporting PWM speed control and frequency generator output. Constructed with a thermoplastic PBT frame and impeller rated UL94V-0, it delivers 28.5 CFM airflow and 3.88 inch-H₂O static pressure. The internal brushless DC motor is protected by auto-restart and polarity protection mechanisms.

PF40281BX-Q607-SB9 Specifications

Model: PF40281BX-Q607-SB9

Brand: SUNON

Category: DC Axial Fan

Dimensions: 40 x 40 x 28 mm

Rated Voltage: 12 VDC

Power Consumption: 15.18 W

Rated Current: 1.265 A

Rated Speed: 22500 RPM

Airflow: 28.5 CFM

Static Pressure: 3.88 inch-H₂O

Noise Level: 65.5 dB(A)

Bearing Type: Dual Ball Bearing

Interface: 4-wire (Red: +, Black: -, Yellow: FG, Blue: PWM)

Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Weight: 42 g

Motor Protection: Auto Restart, Polarity Protection

Insulation Resistance: 10 M ohm at 500 VDC

Dielectric Strength: 500 VAC for 1 minute

PF40281BX-Q607-SB9 Applications

Primary applications include integration into 1U/2U rackmount servers, high-density telecommunications switching equipment, and enterprise-grade network routers. Deployed within cryptocurrency mining rigs, industrial power supply units, and compact thermal management systems requiring high static pressure for dense heatsink cooling.

Supplemental Images

