

# NETGEAR AGM721F Datasheet



NETGEAR AGM721F Fiber 1000BASE-SX GBIC Module

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This Netgear AGM721F GBIC transceiver provides 1000Base-SX throughput up to 550m over multi-mode fiber (MMF) using a wavelength of 850nm via an SC connector. It complies with Multi-Source Agreement (MSA) standards to provide seamless network integration. This transceiver is Trade Agreements Act (TAA) compliant.

## Features

- Support Up to 1.25Gb/s data links
- Compliant with GBIC MSA standard
- VCSEL laser transmitter and PIN photo-detector
- Hot-pluggable GBIC footprint
- Single +5V power supply
- Duplex SC connector
- Low power dissipation
- Metal enclosure provides lower EMI

## Specifications

- Form Factor: GBIC
- Data Rate: 1.25Gb/s

- Wavelength: 850 nm
- Fiber Type: MMF
- Max Distance: 550 m
- Optical Components: VCSEL/PIN
- Transmitter Power: -9 ~ -3 dBm
- Extinction ratio: > 9 dB
- Receiver Sensitivity: < -18 dBm
- Receiver Overload: > 0 dBm
- Connector: Duplex SC
- Digital Diagnostic Monitoring: No
- Environment
  - Operating: 0°C to 70°C
  - Storage: -40°C to 85°C
- Weight: 0.05 kg

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