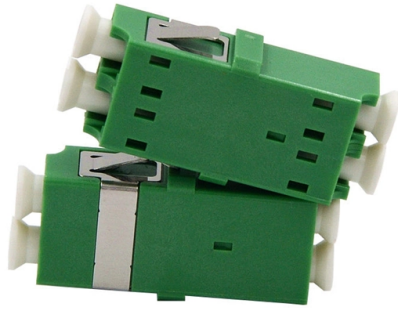


How to connect a 24-port 10 Gigabit fiber optic switch



AI Overview

To connect a 24-port 10 Gigabit fiber optic switch, use pre-terminated multi-strand fiber cables with LC connectors, connect uplinks or stacking ports, and configure the switch via its management interface for optimal performance.

Step 1: Prepare the Switch and Environment

- Place the switch in a rack or secure location with proper ventilation. Many 10G fiber switches, like the DXS-3400, have front-to-back airflow for energy-efficient cooling .
- Ensure power supply is connected and stable. Some switches have hot-swappable power supplies for redundancy .
- Verify that the switch firmware is up to date and that you have access to the management interface (web GUI, CLI, or controller software depending on the model), .

Step 2: Select the Fiber Optic Cables

- Use multi-strand pre-terminated fiber optic cables, typically 4-strand LC-LC cables, which are factory-tested and ready to use .
- Ensure the fiber type matches the switch ports: single-mode (SMF) for long distances or multi-mode (MMF) for short distances.
- LC connectors are standard for 10G SFP+ ports and provide low insertion loss and high repeatability

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Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town, 7441, South Africa

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