

UK Independent Switch QSFP-DD



Article Overview

QSFP-DD switches in the UK support high-density 400G connectivity with backward compatibility for legacy QSFP modules, available from vendors like Switch SFP, Fibrenet, and NVIDIA.

Overview of QSFP-DD Switches

QSFP-DD (Quad Small Form-factor Pluggable Double Density) switches are designed to provide high port density and 400G bandwidth by using eight lanes of 50 Gbps PAM4 signaling per port. These switches feature deeper cages to accommodate both QSFP-DD modules and legacy QSFP form factors, enabling backward compatibility with QSFP28 and QSFP+ modules. Modern QSFP-DD modules typically consume 10–25W per port, so switches must support higher power classes to ensure proper operation.

Key UK Suppliers

- **Switch SFP:** Offers QSFP-DD switches and transceivers in UK stock, including QSFP-DD-400G-SR8-C, fully compatible with Cisco modules. They provide ISO 9001:2015 certified products with UKCA and RoHS compliance, backed by a lifetime warranty and a 60-day return policy. They also supply compatible cabling for QSFP-DD connections.
- **Fibrenet:** Supplies a wide range of QSFP-DD switches and transceivers for all major vendors, including SFP, SFP+, QSFP+, QSFP28, and QSFP-DD formats. They also provide fibre and copper patch cabling, CWDM/DWDM optics, and mux solutions.



Article Content

400GbE QSFP-DD Transceiver Modules | Optical Transceivers

FS 400G QSFP-DD module solutions featuring high-performance, high-bandwidth, and cost-effectiveness, are ideal for 400GbE and

100G QSFP28 DAC Twinax Copper Cables

FS QSFP28 direct attach copper cable assemblies in passive DAC and active DAC from 0.5m to 10m, which are most cost-effective

QSFP-DD Connectors, Cages and Cable Assemblies

TE's QSFP-DD 2x1 cages and connectors add to the wide range of existing QSFP-DD surface mount products, providing customers

400G to 8 x 50G QSFP-DD DAC Breakout

QSFP-DD to SFP56 direct attach copper breakout cables can provide a connection from a 400G port to 8 x 50G ports up to 3m

QSFP-DD Connector System

QSFP-DD Interconnect System's 8-lane electrical interface transmits 28G NRZ, 56G PAM-4 and 112G PAM-4, up to 200, 400 or 800

QSFP-DD Optical Transceivers

QSFP-DD transceivers give you the flexibility to both run 400G links and low-cost 100G. QSFP-DD Optical transceivers (Double

Contact Us

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