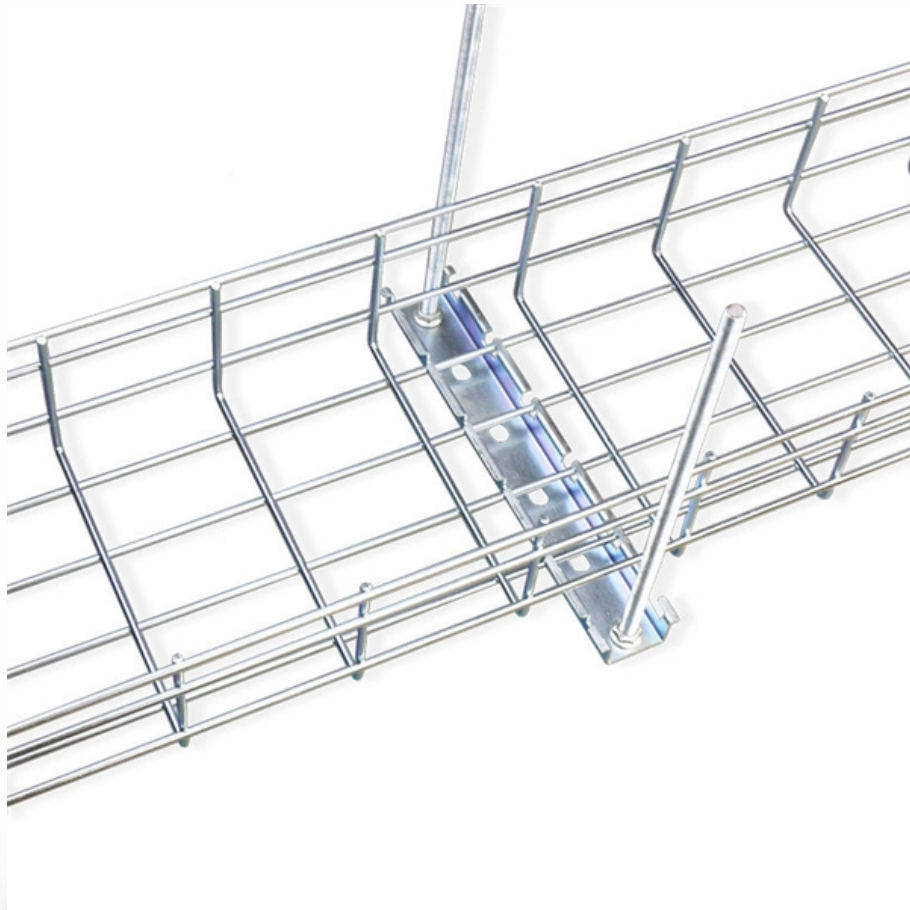




**ZTP Thermal & Power**

# **Selection Guide for Quantum Communication-Grade Air- Cooled Switches QSFP**





## **Selection Guide for Quantum Communication-Grade Air-Cooled Swit**

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## Specification - QSFP-DD

July 11, 2019 - QSFP-DD Hardware Specification for QSFP DOUBLE DENSITY 8X PLUGGABLE TRANSCEIVER - Rev 5.0 May 8, 2019 - Common Management Interface

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## **Connectors and Cages**

QSFP-DD cages in switches can accept QSFP112, QSFP56, and QSFP28 devices using 50G-PAM4 or 25G-NRZ modulation. QSFP112 cages in adapters and DPUs can accept QSFP56, QSFP28, and

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## **QSFP-DD Hardware**

Abstract: This specification defines: the electrical and optical connectors, electrical signals and power supplies, mechanical and thermal requirements of the pluggable QSFP Double Density (QSFP



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**NDR INFINIBAND EDGE SWITCHES** The NDR family of edge switches comprises switches with 64 NDR ports on 32 physical OSFP ports, which can be split to deliver up to 128 NDR200 ports. The

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## QSFP technical specs: real-world benchmarks and selection guide for

A detailed look at QSFP technical specs, real-world deployment, and practical guidance for selecting QSFP transceivers in data centers and enterprise networks .

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## Models, specifications, and compatibility

Take measures to cool the switch environment so that the port can be brought back up. If the situation persists, the port will be kept down, awaiting user-interaction.

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## Connectors and Cages

800G finned-top, twin-port, 8-channel, 2x400G OSFP for Quantum-2 and Spectrum-4 SN5600 Ethernet air-cooled switches. 800G flat-top, twin-port, 8-channel, 2x400G OSFP for linking

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