

Transceivers: Independent and Interoperable



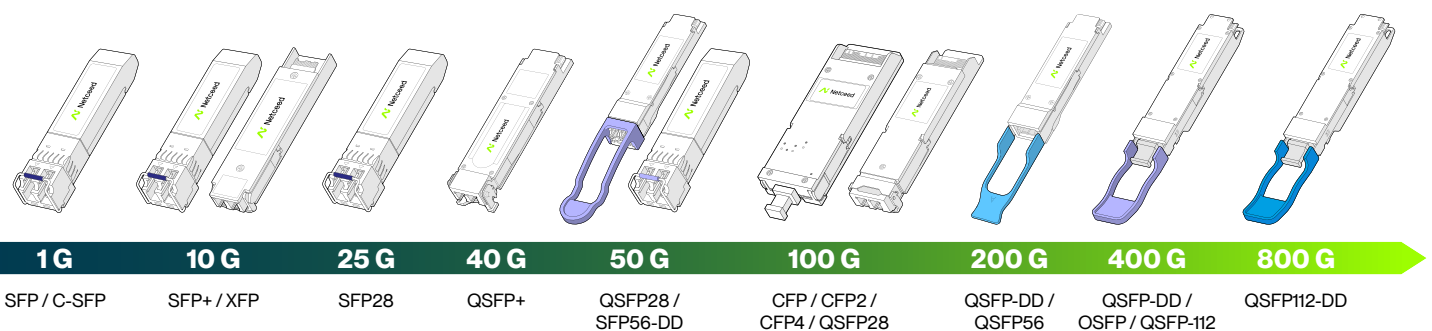
World-class transceivers

Devices for all application areas – manufacturer-neutral and interoperable

Whether data centers, FTTH applications, wireless or enterprise and campus networks – we offer you the right transceiver for all applications. With almost 30.000 different models and impressive logistics capacities, we support you in setting up and expanding your high-performance network with manufacturer-neutral transceivers. This includes “Drop In” upgrades from 10 G to 100 G, as well as transceiver upgrades for distances from 10 km to 80 km over duplex or single fiber, significantly leveraging your fiber infrastructure.

Netceed is your one-stop-shop for all connectivity needs, supplying transceivers for data rates from 100 M to 800 G, compatible across legacy and current form factors. In addition to CWDM, DWDM and bi-directional transceivers, DAC and AOC options for critical Top-of-Rack, End-of-Row, and Leaf/Spine connections complement our portfolio.

Our transceivers are independent of OEMs and we ensure interoperability with their existing systems.



Transceiver cables

Direct Attach Cables (DAC)

DACs provide a direct electrical connection between connectors using thick copper wire to minimize electromagnetic interference. These cables typically connect network components over distances of one to five meters within a rack or cabinet. DACs come in two types: active and passive. Passive DACs are known for their low power consumption, while active DACs offer a more compact cable design, ideal for tight or space-constrained wiring setups.

Active Optical Cables (AOC)

AOCs provide a cost-effective solution with fixed fiber optic transceivers attached to a fiber cable for short-range connections, typically between 10 m and 100 m. These assemblies are “plug and play,” simplifying the installation process compared to standard fiber optic setups. Additionally, AOCs feature a slim 3,0 mm cable diameter, which reduces cable congestion in data center trays compared to traditional duplex fiber cable deployments.

Transceiver coding box

The coding box is a solution that allows our customers to program Netceed transceivers independently. It enables easy configuration of SFP, SFP+, SFP28, XFP, QSFP+, QSFP28, and QSFP-DD transceivers to be compatible with a wide range of vendor equipment.

The more complex your network environment is, the more you can save on stock and react quickly when a transceiver is needed.

- Including history function
- Provided with software and end user guide
- Compatible with Microsoft® Windows® XP / VISTA / 7 / 8 / 10 / 11 via USB
- Wavelength Tuning for DWDM tunable devices (SFP+/XFP)
- USB-C Cable
- Space-saving with dimensions of only 90 x 140 x 30 mm



Why choose compatible transceivers like ours?

Asking differently: Why would you want to miss out on massive savings in CAPEX and OPEX?



Up to 70 % savings
compared to OEMs



Inventory optimization by
multi-coding: Save up to **85 %**



No support or
service costs

Does the OEM warranty expire when compatible components from third-party suppliers are used within the network?

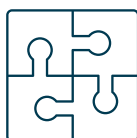
Generally, if a fault occurs in a network that cannot be traced back to a product from a third-party supplier, the OEM continues to assume the warranty.

Comprehensive services and decades of experience

A few more reasons to help you elevate your network to the next level

We guarantee interoperability by extensive testing

- All transceivers are tested in re-created network environments which the parts will be used in: **Interoperability with 100+ OEMs and 20.000 systems**
- All of our parts are programmed to standard OEM specs, as well as creating unique, one-of-a-kind coding for customized networking solutions
- Multi-coded transceivers facilitate use in complex environments and save on stocks
- Support for legacy environments
- We test, validate and assure compatibility with e. g. Juniper, Nokia, Calix, Cisco, Huawei & Mellanox



Quality is our greatest asset

- All transceivers are coded in world-class networking labs
- The manufacturing environment is at the forefront of technological standards, including coding, testing and customization, to ensure a long term reliability of our products
- 100 % of all transceivers are tested individually using cutting-edge test equipment – no emulation or batch testing
- **Reliability of 99,98 %**; < 0,02 % failure rate; 0 % Death On Arrival
- For all transceivers, we offer a lifetime advance replacement warranty



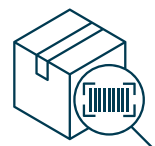
Top-tier services that won't leave you out in the rain

- Fast, responsive, knowledgeable service and support
- Our agile supply chain, extensive inventory, and robust lab facilities allow for quick turnaround
- Experienced and dedicated field service technicians are there for you throughout Europe
- Customization: On request, we can offer adaptations to hardware and software of all transceivers



Our logistics concepts ensure your network operation

- All transceiver are coded in Europe
- Extensive stock in Europe, backed up by global production & warehouse facilities
- Large inventory of raw material
- Diverse supply chain to ensure supply continuity





Get in touch

Our team of experts looks forward to helping you significantly save on OPEX and CAPEX by finding the right transceiver selection for your network. Feel free to get in touch to discuss your project's requirements.

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