High Speed Interconnects

Siemon Interconnect Solutions offers a full line of interconnect assemblies for ultra-high-speed point-to-point applications in the data center. Siemon's SFP+, SFP 28, QSFP+, QSFP28 and hybrid assemblies support up to 100 Gb/s across an array of application standards. Independently tested for interoperability with most major equipment manufacturers, our high speed interconnects are tested above industry standards to ensure high performance, cost-effective, quality assemblies for today's direct attach equipment connections.

DAC Passive Copper Cables

**SFP+**
*Standards: SFF-8431, IEEE 10G*
A lower cost alternative to SFP+ fiber transceiver modules, these cables support 1GbE and 10GbE applications connecting switches to network equipment in short reach applications. These cables are available in black, white, red and blue jackets.

**NEW!**

**SFP28**
*Standards: SFF-8402, -8419, -8432, -8472; IEEE 802.3by 25G*
These cables support the next generation of 25GbE applications (25GBASE-CR) connecting switches to network equipment in short reach applications.

**Cisco Compatible SFP+**
*Standards: SFF-8431, IEEE 10G*
Programmed specifically for Cisco 10GBASE-CX1 ports, these SFP+ DAC’s are a lower cost alternative to Cisco branded DAC’s and fiber transceiver modules. They support 1GbE and 10GbE applications up to 10 meters. They will not trigger the warning message that a non-Cisco transceiver has been detected. These cables do not violate Cisco's warranty. These cables are available in black, white, red and blue jackets.

**NEW!**

**QSFP+**
*Standards: SFF-8436, IEEE 802.3 40G, IBTA DDR and QDR*
Supporting 40Gb/s high speed applications for connecting switch-to-switch or switch-to-network equipment, these cables are a lower cost alternative to QSFP+ fiber transceiver modules in short reach applications up to 5 meters.

**NEW!**

**QSFP28**
*Standards: SFF-8636, -8661, -8665, -8679; IEEE 802.3bj 100G*
Supporting next generation 100GbE (100GBASE-CR4) applications for connecting switch-to-switch or switch-to-network equipment, these cables are a lower cost alternative to transceivers and AOCs in short reach applications.

For more information on Siemon High Speed Interconnects, including options, pricing and availability; contact a Siemon Sales Representative.

Find full technical specifications and other resources at: [WWW.SIEMON.COM/SIS](http://WWW.SIEMON.COM/SIS)
QSFP+ to 4 SFP+
Standards: SFF-8431 and 8436, IEEE 40G to 4 x 10G

QSFP+ breakouts provide uplink capabilities from a 40Gb/s QSFP+ network equipment port to four individual 10Gb/S SFP+ ports. They are a lower cost alternative to MTP/MPO breakouts for short reach applications up to 5 meters.

NEW!

QSFP28 to 4 SFP28
Standards: SFF-8402, -8419, -8432, -8472, SFF-8636, -8661, -8665, -8679; IEEE 802.3bj 100G and IEEE 802.3by 25G

QSFP28 breakouts provide uplink capabilities from a 100GbE QSFP28 network equipment port to four individual 25GbE SFP28 ports. They are a lower cost alternative to MTP/MPO breakouts for short reach applications.

NEW!

QSFP28 to 2 QSFP28
Standards: SFF-8636, -8661, -8665, -8679; IEEE 802.3bj 50/100G

Supporting next generation 100G applications for connecting 100GbE to 50GbE switch-to-switch or switch-to-network equipment.

Active Optical Cables

QSFP+ AOCs
Standards: SFF-8436, IEEE 802.3 40G, IBTA DDR and QDR

Supporting 40Gb/s high speed applications for linking switches and other network equipment in long reach applications up to 100 meters, these AOC assemblies incorporate integrated opto-electronics with four fiber optic transceivers per end, each operating at data rates from 1 to 10.5Gb/s.

Transceiver Compatible Cables

Compatible with industry standard transceiver modules, our line of copper and fiber cable assemblies meet stringent performance specifications and supports 10, 40 and 100Gb/s applications. Custom and preconfigured assemblies are available to meet specific application requirements.