



# High Speed Interconnects

## Connecting the World to a Higher Standard

Siemon offers a comprehensive line of High Speed Interconnects (HSI), including straight-through/breakout Direct Attach Cables (DAC) and Active Optical Cables (AOC) in speeds ranging from 10G to 100G, in QSFP28, SFP28, QSFP+ and SFP+ form factors up to 100GB. Typical applications include data centers requiring reliable, low latency, high-quality cabling options. Siemon High Speed Interconnects are MSA (Multi-Source Agreement) compliant to ensure compatibility across equipment from various vendors.

### Direct Attach Cables

A cost-effective, low power option for inter-rack connections, DACs provide superior performance and reliability in high speed top-of-rack applications. Available in black, red, white, or blue jacket colors, in half meter lengths from 0.5M to 3M and full meter lengths up to 10M. Great for high-density systems where power consumption and heat generation are concerning factors.

### Active Optical Cables

Multimode fiber AOC cable assemblies are about half the cost of transceivers and are factory terminated, negating any interoperability or installation issues. Siemon AOCs are ideal for longer reach, point to point connections in data centers, cabinets and equipment outside of the rack. Energy efficient design requires less power than transceiver assemblies with smaller bundles promote better airflow and lower cooling costs.

### Patch Cords for Transceiver Assemblies

Compatible with transceiver modules, our premium line of XGLO fiber cable assemblies meet stringent performance specifications and support 10, 25, 40, 50, 100, 200 and 400G no matter what the application.



**DACs available in half-meter lengths**



**Available in PVC-OFNR and LSOH jacket options**



**Factory tested to meet or exceed industry standards**



**Standard configurations in stock ready to ship**



**Interoperability with leading manufacturers equipment**



**DACs available in red, white, blue and black jacket colors**



ethernet alliance

# Product Offering

High Speed Interconnects

|                             | Product                         | Speed   | Spec Sheet   |
|-----------------------------|---------------------------------|---------|--|
| Direct Attach Copper Cables | QSFP28 to QSFP28                | 100G    | <a href="http://go.siemon.com/QSFP28">go.siemon.com/QSFP28</a>                           |
|                             | SFP28 to SFP28                  | 25G     | <a href="http://go.siemon.com/SFP28">go.siemon.com/SFP28</a>                             |
|                             | SFP28 to SFP28 Cisco Compatible | 25G     | <a href="http://go.siemon.com/SFP28Cisco">go.siemon.com/SFP28Cisco</a>                   |
|                             | QSFP28 to 4X SFP28              | 100/25G | <a href="http://go.siemon.com/QSFP28Breakout">go.siemon.com/QSFP28Breakout</a>           |
|                             | QSFP+ to QSFP+                  | 40G     | <a href="http://go.siemon.com/QSFPPlus">go.siemon.com/QSFPPlus</a>                       |
|                             | SFP+ to SFP+                    | 10G     | <a href="http://go.siemon.com/SFPPlus">go.siemon.com/SFPPlus</a>                         |
|                             | SFP+ to SFP+ Cisco Compatible   | 10G     | <a href="http://go.siemon.com/SFPPlusCisco">go.siemon.com/SFPPlusCisco</a>               |
|                             | QSFP+ to 4x SFP+ Breakout       | 40/10G  | <a href="http://go.siemon.com/QSFPPlusBreakout">go.siemon.com/QSFPPlusBreakout</a>       |
| Active Optical Cables       | QSFP28 to QSFP28                | 100G    | <a href="http://go.siemon.com/QSFP28AOC">go.siemon.com/QSFP28AOC</a>                     |
|                             | SFP28 to SFP28                  | 25G     | <a href="http://go.siemon.com/SFP28AOC">go.siemon.com/SFP28AOC</a>                       |
|                             | QSFP28 to 4X SFP28              | 100/25G | <a href="http://go.siemon.com/QSFP28BreakoutAOC">go.siemon.com/QSFP28BreakoutAOC</a>     |
|                             | QSFP+ to QSFP+                  | 40G     | <a href="http://go.siemon.com/QSFPPlusAOC">go.siemon.com/QSFPPlusAOC</a>                 |
|                             | SFP+ to SFP+                    | 10G     | <a href="http://go.siemon.com/SFPPlusAOC">go.siemon.com/SFPPlusAOC</a>                   |
|                             | QSFP+ to 4x SFP+ Breakout       | 40/10G  | <a href="http://go.siemon.com/QSFPPlusBreakoutAOC">go.siemon.com/QSFPPlusBreakoutAOC</a> |

Visit [go.siemon.com/highspeed](http://go.siemon.com/highspeed) to discover more about High Speed Interconnects and additional product information.



Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

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