High-Speed Cable Assemblies
Connecting the World to a Higher Standard

Siemon offers a comprehensive line of High-Speed Cable Assemblies, including straight-through/breakout Direct Attach Cables (DAC) and Active Optical Cables (AOC) in speeds up to 400G, in QSFP-DD, OSFP-FT (Finned Top), OSFP-RHS (Riding Heat Sink), QSFP56, QSFP28, QSFP+, SFP-DD, SFP56, SFP28, and SFP+ form factors up to 400G. Typical applications include data centers requiring reliable, low latency, high-quality cabling options. Siemon High-Speed Cable Assemblies 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 (plus orange and silver in MESH sleeve), in half meter lengths from 0.5M to 3M and full meter lengths up to 5M depending on speed. 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.

.5 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 six colors depending on jacket/sleeve.

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Product Offering
High-Speed Cable Assemblies

Speed	Connector/Cable Type	Spec Sheet
Direct Attach Copper Cables		
400G	QSFP-DD PAM4 Straight Through and Breakouts	go.siemon.com/dac-400g-pam4-qsfp-dd
400G	OSFP PAM4 Straight Through and Breakouts	go.siemon.com/dac-400g-pam4-osfp
200G	QSFP56 PAM4 Straight Through and Breakouts	go.siemon.com/dac-200g-pam4-qsfp56
200G	QSFP56 Straight Through	go.siemon.com/QSFP56PAM4
100G	SFP-DD PAM4 Straight Through and Breakouts	go.siemon.com/dac-100g-pam4-sfp-dd
100G	QSFP28 Straight Through	go.siemon.com/QSFP28
50G	SPF56 PAM4 Straight Through	go.siemon.com/dac-50g-pam4-sfp56
100/25G	QSFP28 Breakouts	go.siemon.com/QSFP28Breakout
25G	SFP28 Straight Through	go.siemon.com/SFP28
25G	SFP28 Straight Through - Cisco Compatible	go.siemon.com/SFP28Cisco
40G	QSFP+ Straight Through	go.siemon.com/QSFPPlus
40/10G	QSFP+ Breakouts	go.siemon.com/QSFPPlusBreakout
10G	SFP+ Straight Through	go.siemon.com/SFPPlus
10G	SFP+ Straight Through - Cisco Compatible	go.siemon.com/SFPPlusCisco
Active Optical Cables		
400G	QSFP-DD PAM4 Straight Through and Breakouts	go.siemon.com/aoc-400g-pam4-qsfp-dd
400G	OSFP PAM4 Straight Through and Breakouts	go.siemon.com/aoc-400g-pam4-osfp
200G	QSFP56 PAM4 Straight Through and Breakouts	go.siemon.com/aoc-200g-pam4-qsfp56
100G	QSFP28 Straight Through	go.siemon.com/QSFP28AOC
50G	SFP56 PAM4 Straight Though	go.siemon.com/aoc-50g-pam4-sfp56
100/25G	QSFP28 Breakouts	go.siemon.com/QSFP28BreakoutAOC
25G	SFP28 Straight Through	go.siemon.com/SFP28AOC
40/10G	QSFP+ Breakouts	go.siemon.com/QSFPPlusBreakoutAOC
40G	QSFP+ Straight Through	go.siemon.com/QSFPPlusAOC
10G	SFP+ Straight Through	go.siemon.com/SFPPlusAOC

Visit 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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