



For Immediate Release

## Siemon Expands LightHouse™ Advanced Fiber Cabling Solutions with new BASE 8 Plug and Play System

March 28, 2017. Watertown, CT — Siemon, a leading global network infrastructure specialist, today announced an expansion to its existing line of Lighthouse Advanced Fiber Cabling Solutions with the introduction of a comprehensive Base 8 Plug and Play System consisting of fiber enclosures, modules, adapters, assemblies and jumpers.

Current 40 Gb/s (40GBASE-SR4) and 100 Gb/s (100GBASE-SR4) multimode fiber applications deployed for backbone switch-to-switch links in the data center are based on 8 optical fibers with 4 fibers transmitting and 4 receiving at either 10 Gb/s or 25 Gb/s. When using 12-fiber MPO/MTP solutions for these 8-fiber applications, 33 percent of the optical fiber goes unused. While conversion cords or modules can be used to enable 100% fiber utilization, these solutions add additional cost and complexity. Furthermore, conversion modules add increased insertion loss, which can significantly limit flexibility when deploying fiber links.



Siemon's new Base 8 Plug and Play System enables 100% fiber utilization, eliminating the need for conversion cords or modules while providing a complete end-to-end Base 8 fiber system for the most efficient support of current and future 8-fiber applications. The system includes Siemon's High Density FCP3 Fiber Enclosure along with snap-in Base 8 modules that feature three 8-fiber MTPs to 24 LCs to support 10 Gb/s applications and MTP adapter plates to support day-one 40 Gb/s or 100 Gb/s applications. The system also includes Base 8 MTP to MTP trunk assemblies and jumpers for backbone and equipment connections.

"With current and future fiber applications all dominated by fiber counts that are divisible by 2 or 8 fibers, including 200 and 400 Gb/s over multimode and singlemode that are currently in development, using a Base 8 Plug and Play systems offers the simplest, most efficient migration to advanced fiber speeds in the data center," says Charlie Maynard, product manager for Siemon. "Customers can deploy Base 8 modules and LC duplex jumpers for 10 Gb/s today and easily replace them with adapters and MTP jumpers tomorrow, providing a seamless transition to 40 or 100 Gb/s and beyond while maintaining maximum fiber utilization."

Available in OM3/OM4 multimode in both standard and low loss, and in singlemode, Siemon's new Base 8 Plug and Play system features smaller diameter RazorCore® fiber to significantly reduce cable diameter of assemblies and provide a 2mm diameter MTP jumper. The system also includes Base 8 MTP to LC hybrid assemblies as an alternative to modules for support of 10 Gb/s. Base 8 MTP to LC BladePatch® assemblies feature the innovative push-pull latch activation of the BladePatch plug for easy access in tight fitting areas.

For more information about Siemon's new Base 8 Plug and Play system and comprehensive LightHouse Advanced Fiber Solutions, visit [www.siemon.com/lighthouse](http://www.siemon.com/lighthouse).

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**About Siemon**

Established in 1903, Siemon is an industry leader specializing in the design and manufacture of high quality, high performance IT infrastructure solutions and services for Data Centers, LANs and Intelligent Buildings. Headquartered in Connecticut, USA, with global sales, technical and logistics expertise spanning 100 countries, Siemon offers the most comprehensive suites of copper and optical fiber cabling systems, cabinets, racks, cable management, data center power and cooling systems and Intelligent Infrastructure Management solutions. With more than 400 patents specific to structured cabling, Siemon Labs invests heavily in R&D and the development of Industry Standards, underlining the company's long-standing commitment to its customers and the industry. Through an ongoing commitment to waste and energy reduction, Siemon's environmental sustainability benchmarks are unparalleled in the industry, including 179% global carbon negativity and zero-landfill status

Siemon Interconnect Solutions (SIS) is a Siemon business unit comprised of a team of dedicated technical sales professionals supported by Siemon Labs, mechanical, electrical and signal integrity engineers committed to solving industry and customer driven interconnect challenges. We provide custom network infrastructure solutions to: OEM's, Leading Manufacturers, Value-Added Resellers and System Integrators.

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