



For Immediate Release

Siemon's New Category 6A GT UTP Cable Offers a Smaller Diameter and Improved Performance

February 2, 2017. Watertown, CT - Siemon, a leading global network infrastructure specialist, today announced the expansion of its comprehensive line of copper cabling systems with the release of new Category 6A GT unshielded twisted-pair (UTP) balanced copper cable that offers a significantly smaller overall diameter and improved performance to better support advanced remote powering applications.

Siemon's Category 6A GT UTP Cable with innovative Gap Technology (GT) features a discontinuous foil construction with periodic gaps that enable a typical UTP termination process while providing improved heat dissipation and crosstalk performance to better support applications using both advanced Power over Ethernet (PoE) and 10 Gb/s application speeds such as IEEE 802.11ac or IEEE 802.11ax Wi-Fi access points and other emerging high speed IP-based technologies. In contrast to standard category 6A UTP cable that requires additional space and separation within the cable to meet performance specifications, the discontinuous foil construction of Siemon's Category 6A GT UTP cable results in a 15% or more reduction in cable diameter.

"While Siemon's 6A shielded system comprised of F/UTP cable with a continuous shield still offers superior channel performance, the discontinuous foil construction of our new Category 6A GT UTP Cable has advantages over traditional 6A UTP cables and helps close the gap between these two options," explains Susan Cocco, Siemon's global product manager for copper cable. "Along with a 75°C temperature rating, the Category 6A GT UTP cable design offers improved heat dissipation over standard UTP, reducing the potential for damaging levels of heat rise that can occur in remote powering applications. The cable's smaller diameter of just 0.275 inch also means improved flexibility, reduced weight and better pathway fill capacity over standard UTP."

Available in both riser and plenum rating, and nine different jacket colors, Siemon's Category 6A GT UTP Cable features excellent pair geometry and optimal crosstalk performance, exceeding ANSI/TIA-568-C.2, ISO/IEC 11802 Ed. 2.0 and IEC 61156-5 Ed. 2.0 standards to support all applications designed for category 6A or lower cabling, including 10GBASE-T and HDBaseT. It also supports all remote powering applications, including IEEE 802.3af PoE and 802.3at PoE+, as well as future Type 3 and Type 4 four-pair PoE applications.

Learn more about Category 6A GT UTP Cable and Siemon's full line of copper cabling systems at:
www.siemon.com

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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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