



Cleerline Introduces Ultra-Durable SSF™ Bulk Fiber

Cleerline's Made in USA Patented SSF Bulk Fiber is Ideal for Mission-Critical Data Center Applications, Offering Superior Performance to Traditional Bend-Insensitive Products in Several Key Metrics.

Visit Cleerline Fiber Optic Solutions at the SC2025 Tradeshow Booth 6228 November 16-21 at the America's Center in downtown St. Louis.

Missoula, Montana, November 10th, 2025 — The Cleerline Technology Group, market leaders in fiber optic connectivity solutions, has introduced a patented process to manufacture bulk fiber optic cabling that outperforms traditional bend-insensitive products by delivering an industry-leading 2.2mm bend radius, 2000x better flex strength, and 1500x stronger impact rating than conventional bulk fiber products. Branded Cleerline SSF, it also offers superior thermal performance resulting in an astonishing 50+ year life expectancy.

“Cleerline SSF bulk fiber was specifically designed to be highly durable and long-lasting, meeting the critical uptime and stability demands of data centers and other mission-critical infrastructures,” explained Cleerline President Ryan Prentice. “And, importantly, our patented manufacturing process delivers strength and flexibility without affecting signal performance.”

SSF bulk fiber is made with a patented glass-encapsulated-by-polymer process that strengthens the optical strand while simultaneously protecting the center core. This provides superior performance without the weight and bulk of micro-armored or ruggedized products, and SSF multistrand trunks are up to 50% slimmer for high-density applications – all without sacrificing durability.

Cleerline SSF bulk fiber is Made in USA and is also available in factory-terminated custom configurations.

Cleerline SSF: Also Available in Stock and Custom Patch Cables

SSF fiber patch cables are available in 1.2mm, 1.6mm and 2.0mm constructions with factory-terminated LC, SC, ST, and MTP/MPO connectors. All SSF patch cables are also available in custom lengths and configurations to accommodate demanding data center and cable infrastructure paths. Cleerline offers SSF patch cables in stock and custom configurations to accommodate any application and project scope. All products ship individually serialized with certified performance test results. Bulk packaging and project kitting are also available.

For more information, please contact Cleerline Technology Group at info@cleerline.com

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About Cleerline Technology Group

The Cleerline Technology Group was founded in 2012 as an affiliate of D'Addario & Co by principals Robert D'Addario, Ryan Prentice, and Rick Sant, with headquarters in Missoula, Montana. Through meticulous design and innovation, Cleerline has created a line of premium fiber optic cables and installation tools that deliver unsurpassed performance with best-in-class durability, flexibility, and ease of use. Cleerline SSF™ (Stronger, Safer, Faster-to-terminate) fiber optic cables employ a unique Glass-Glass-Polymer design that can be safely terminated in as little as one minute, establishing a benchmark for professional installers seeking to deliver best performance to their clients. Cleerline fiber optic cables make smart homes and businesses brilliant. cleerline.com

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