



Cleerline Introduces Fiber to PoE+ Ethernet Switch

Cleerline's SSF-1SFPx4RJ45POE-1G is a valuable tool for integrators, providing effortless connectivity between a fiber network infrastructure and Ethernet-based PoE+ endpoint devices in any zone.

Missoula, Montana, November 12th, 2024 — The Cleerline Technology Group, market leaders in fiber optic connectivity solutions for commercial and residential technology applications, has introduced a fiber to PoE+ Ethernet switch (part # SSF-1SFPx4RJ45POE-1G) that enables integrators to easily connect endpoint devices to a fiber infrastructure in any zone. Cleerline's compact switch provides four RJ45 PoE+ ports that automatically determine PoE+ requirements such as speed, duplex, and cable type using Auto Uplink, making this switch a critical tool for residential and commercial integrators.

"This new highly stable switch from Cleerline facilitates fast and reliable connectivity between a Cleerline fiber network and Ethernet-equipped PoE endpoint devices," explained Rick Sant, Managing Partner at Cleerline Technology Group. "To accommodate every application, the SSF-1SFPx4RJ45POE-1G emits minimal heat and features a slimline housing with built in mounting brackets—simplifying installation in confined areas such as behind a flat panel display or within a small equipment cabinet."

Technically Speaking

The SSF-1SFPx4RJ45POE-1G is a 100/1000Base-X to Gigabit Ethernet 10/100/1000Base-T non managed PoE switch. The provided SFP slot allows both Gigabit and Fast Ethernet operation and can accept all SFP types, including Multimode, Single-mode, CWDM, DWDM, or BiDi. The PoE+ switch automatically determines PoE+ requirements, speed, duplex, and cable type using Auto Uplink.

FEATURES AND BENEFITS

- 4*10/100/1000Mbps RJ45 PoE port, UP-Link 1*1000Mbps SFP port
- Compatible with IEEE802.3AF/AT
- Input Power: (included) DC 48-52V 1.25A
- All port supported by MDI/MDIX auto flip and self-negotiation
- Supply 4 (each) 10/100/1000Mbps adaptive high-speed forwarding data packet non-lost port
- Low heat design, safe and reliable, high stability
- Max port power 30W/2 PoE+, 15W/4 PoE

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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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