![CLEERLINE — FIBER OPTICS REDEFINED]

Cleerline Adds 2x8 PoE+ Switch to Lineup of Extreme Environment Solutions

A Cleerline fiber infrastructure represents an opportunity for integrators to deliver the fastest, most reliable, and scalable infrastructure to every client.

New 8-port Gigabit Ethernet PoE+ Switch is IP40 rated and features a rugged metal housing for use in extreme temperatures.

Missoula, Montana, March 19th, 2025 — The Cleerline Technology Group, market leaders in fiber optic connectivity solutions for commercial and residential technology applications, today introduced the SSF-2x8POE-RUGGED, a 2x8 switch that has been engineered for extreme environments. This versatile switch includes two SFP Gigabit ports with eight ports of Gigabit Ethernet and can deliver eight ports of PoE+ (30W per port).

"This rugged 2x8 switch from Cleerline enables A/V integrators to offer clients all the benefits of a fiber infrastructure plus PoE Ethernet connectivity that features critical surge protection for use in extreme environments," explained Rick Sant, Managing Partner at Cleerline Technology Group. "This switch is part of Cleerline's expanding lineup of fiber products, enabling installers to deliver nearly limitless scalability and unmatched reliability for every project."

Technically Speaking
Cleerline's SSF-2x8POE-RUGGED 2x8 PoE switch is an 8-port Gigabit Ethernet 10/100/1000Base-TX to 2 port 1000Base-X non-managed Industrial Ethernet PoE+ PSE Switch. Offering PoE+ (30W per port), this switch is a strong solution for extreme environments. The unit's case is rated for use in temperatures from -40 to +75°C/-40°F to 167°F. Additionally, the rugged metal housing's IP40 rating allows the switch to operate in mechanical and electrical extremes. This switch has 6kV surge protection per port and is compliant with IEC and EN standards for industrial grade equipment.

FEATURES AND BENEFITS
- DC power input block 48-52V
- Extreme operating temperature: -40 to 75°C/-40°F to 167°F
- Rugged IP40 rated metal casing, DIN rail bracket
- Store and forward switching mechanism
- Reversed power polarity protection
- Auto-Negotiation & Auto MDI/MDI-X on every RJ45 port
- Supports 6kV surge protection per port on all TP ports for PoE models
- Supports IEEE 802.1Q Tag VLAN pass thru
- Redundant DC power inputs on every model

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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

Media Contact:
Micah Sheveloff / WIRC Media
(727) 258-4770 / wirc1@wircmedia.com