News Release

Backwards Compatible, Cost-Saving Solution Supporting 25 and 40 Gbps Ethernet Transmission Speeds

Glen Rock, PA [March 18, 2021] Stewart Connector, a Bel group company today announces Category 8.1 RJ45 Punch Down Plugs that support 25 and 40 Gbps Ethernet transmission speeds over balanced twisted pair copper cabling. They are designed to meet Category 8.1 performance standards in applications as defined by ISO/IEC 11801-1:2017 and ANSI/TIA-568.2-D.

Stewart Connector's Category 8.1 Punch Down Plugs are available with multiple strain relief options making them suitable for use on most solid and stranded Category 8 cables available in today's market. Utilizing the reliable industry standard RJ45 interface allows these Category 8.1 Punch Down Plugs to be backwards compatible with existing RJ45 connector applications designed for Category 5e through 6a systems. The Category 8.1 Punch Down Plugs are a cost-effective solution for data centers looking to upgrade their data transmission speeds without switching over to a more costly fiber optic solution. They are designed for quick and easy terminations without the need for specialized tooling. This design feature allows for termination in the field and is ideal for high noise environments including military applications, medical equipment, and data center switch-to-server interconnections.

Summary

Part number: SS-39300-009, SS-39300-010, SS-39300-011, SS-39300-012

Applications: Military, Medical Equipment, Data Centers

Distribution availability: DigiKey, Heilind, Newark, and Mouser.

Datasheets: Category 8.1 RJ45 Punch Down Plugs

About Bel

Stewart Connector is a Bel group company (NASDAQ: BELFA and BELFB). Bel designs, manufactures and markets a broad array of products that include circuit protection, connectors, cable assemblies, discrete components, magnetics and power supplies. The Company serves a global market and operates facilities around the world.

Media Contact:
Theresa Schroeder
Theresa.Schroeder@belf.com