Introducing the Next Generation of Connectivity: Our CAT8 Cable Sets a New Standard for High-Speed Data Transfer

WAUKESHA, WI – (July 11, 2023) – PIC Wire & Cable is thrilled to announce the launch of its innovative PICMates® CAT8 Ethernet cable, specifically engineered to meet the stringent demands of aerospace and defense applications. With its exceptional performance, reliability, and advanced features, this CAT8 cable sets a new standard for high-speed data transfer in these critical industries.

As the aerospace and defense sectors continue to evolve, there is an increasing need for reliable and secure connectivity solutions that can handle vast amounts of data while ensuring optimal performance in extreme conditions. This CAT8 Ethernet cable is designed to address these challenges and provide unmatched connectivity in the most demanding environments.

Key Features and Benefits of E84824:

Unparalleled Performance: With its extraordinary bandwidth capacity of up to 40 Gbps, E84824 ensures lightning-fast data transmission, enabling rapid and efficient data transfer that is critical for aerospace and defense applications. Maintaining high-speed capability supports the transmission of mission-critical data, real-time communications, video streaming, and other bandwidth-intensive operations.

Enhanced Shielding: This CAT8 cable incorporates advanced shielding technology, including individually shielded pairs and an overall braid shield, which effectively minimizes electromagnetic interference (EMI) and crosstalk. Which ensures uncompromised signal integrity, safeguarding data accuracy and reliability in complex aerospace and defense systems.

Robust Construction: Built to withstand extreme conditions and rigorous environments, E84824 features a ruggedized construction that meets the strictest aerospace and defense standards. Its robust design ensures durability, resistance to vibration, shock, and electromagnetic disturbances, guaranteeing uninterrupted performance in the harshest operating conditions.

Secure and Future-Ready: With its backward compatibility and adherence to industry standards, including CAT6, CAT6a, and CAT7, PICMates CAT8 cable provides a secure and future-ready solution for aerospace and defense networks. It supports the integration of emerging technologies such as IoT, artificial intelligence, and edge computing, enabling seamless connectivity and adaptability to evolving requirements.

Trusted Partner: As a trusted provider of premium interconnect solutions, PIC has a deep understanding of the unique challenges faced by the aerospace and defense industries. This cable is backed by rigorous testing and PIC's commitment to deliver the highest quality products that meet the specific needs of these critical sectors.

"We are proud to introduce our CAT8 cable, which represents a significant advancement in high-speed data transfer," said Bryan Loeb, Product Manager at PIC Wire & Cable. "With its unmatched performance, exceptional reliability, and advanced features, this cable empowers aerospace and defense professionals to achieve seamless data transfer and maintain the highest level of operational efficiency and security."

CAT8 cable E84824, is now available for quotes and purchases. For more information about PIC's latest products and to explore our complete range of networking solutions, visit www.PICwire.com.

1.800.742.3191
1.262.246.0500

www.PICwire.com

W220 N1051 Springdale Road
Waukesha, WI 53186