

TWISTED-PAIR

CAN cable suitable for J1939 networks

TE Connectivity has launched its portfolio of Raychem copper cables. They are designed for bit-rates up to 1 Mbit/s.

The twisted-pair cables feature 120-Ω impedance. This meets the requirements of SAE J1939-11 and J1939-15. With operating temperatures ranging from -65 °C to +200 °C (depending on construction), the cables are also available for use in aerospace applications, as well as marine applications. The provider offers variants from AWG 18 to AWG 26. Custom-designed cables are available upon request.

“In addition to designing a cable that is easier to terminate, compared to tape-wrap designs, we offer a variety of material choices versus a one-size-fits-all solution,” said Lynden Bajus, product manager for TE’s Aerospace, Defense, and Marine division. “We can draw on a diverse portfolio of materials to design a solution around an industry’s needs and environmental conditions.” The CAN cables can be used in military ground systems, flight controls, aircraft galleys, and military, and commercial aerospace, among other applications.



The cables are specified for a maximum temperature range from -65 °C to +200 °C (Photo: TE Connectivity)

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