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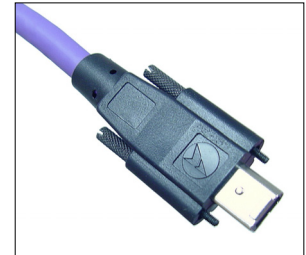
InfiniFlex™ Robotic IEEE-1394 Type Products



Wayzata, Minnesota, USA — The Intercon 1 division of Nortech Systems, Inc. (NSYS), a major global supplier of analog and digital video cables and assemblies based in the United States, recently announced the full release of its newest InfiniFlex™ Industrial-Rugged™ cable. Cables in this new IEEE-

1394 type InfiniFlex™ group were created to surpass ten million flex cycles in harsh industrial applications. A European OEM has tested the cable without failure to 18 million cycles.

Designed specifically to withstand the continual bending, twisting, and tugging of industrial robots, this IEEE-1394 type cable is ideal for high-stress mission-critical commercial environments.



The 90067 IEEE-1394 type cable consists of 2 discrete 28 AWG conductors (105/42) TC and 2 Individually Shielded Twisted Pairs 28 AWG (19/40) TC. Foam Polyolefin provides signal integrity in the pairs and dual shields of Aluminum Polyester Hi-Flex Tape and Reversed Spiral Shielding ensure continuity of transmission throughout the required transmission frequency range. With a VOP of 78% and a differential impedance of 110 (+/- 6 ohms) this UL type CL2X (Article 725 NEC) cable will provide years of unparalleled service in the most demanding environments up to 80°C.



Standard and custom cable assemblies are available with the traditional connection, thumbscrew connection, and squeeze-latch connection. A Composite Video (with power) cable and a USB 2.0 line of InfiniFlex™ products are also available.

Further product information is available through intercon@nortechsys.com where the current PDF catalog may be downloaded.

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