

Junkosha showcases new slim phase stable MWX161 interconnect at DesignCon 2020

Interconnect pioneers unveil MWX161 interconnect at premier electronics industry event

DesignCon stand number: Booth 1336

Interconnect pioneers Junkosha have chosen North America's largest chip, board and systems event, DesignCon 2020, to showcase its new MWX161 cabling solution. Reaching up to the 67 GHz range, MWX161 has not only been designed to make engineers' lives easier when testing the signal integrity of printed circuit boards (PCB), it also easily connects to a multi-port Vector Network Analyser (VNA). This is due to the small diameter of the connectors. To add to its ease of connection, a torque driver is available to mount the interconnect on to the narrow pitch connector arrangement board.

"At Junkosha, we are constantly innovating new precision engineered cabling solutions, not only for what is fast becoming a 5G enabled world, but also for specialised industries like electronics and IT systems," explains Masaru Omoto, Product Manager for Junkosha. "DesignCon 2020 is the first chip, board and systems event to showcase our new solution in the sector, based on the increasing demands for cabling solutions that feature characteristics including an ability to consistently test signal integrity without affecting performance and high phase stability. In today's Design Engineering sector, these are in-demand requirements for projects that need higher quality and resilient interconnects to complete the jobs successfully.

"We listen to our customers' requirements as they seek to innovate in what is a continually changing landscape," continues Omoto. "Our new MWX161 interconnect is a result of a combination of our proprietary technology and the real-world needs that are fed back to us from Research & Development and in-line production testing. Typical uses for this cabling solution include testing signal integrity on PCBs; multiport VNAs where space between the cables is at a premium; narrow pitch RF matrix switchers that route RF signals between multiple inputs and multiple outputs; and multiple connector device under test (DUT) boards which serve as an interface circuit between the automatic test equipment and the device under test."

Offering more than 175 suppliers, DesignCon is the place for chip, board, and systems design engineers to source, network, and stay ahead of industry change. The event provides visitors with an

opportunity to review and discuss next generation technology developments with relevant and interested parties such as engineers, professionals and leading industry figureheads. It also offers a forum to discover breakthrough innovations, take part in networking events and educational sessions. The event is being held at the Santa Clara Convention Center in California, USA, from 29th to 30th January. For more information, click on <https://designcon.com/>.

For more information on Junkosha's precision engineered MWX range, click on <https://www.junkosha-mwx.com/>.

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About Junkosha

Junkosha are pioneers of sophisticated fluoropolymer application technologies across many sectors including microwave interconnect and medical devices. With three operations in Japan, including its headquarters as well as sites in the US, UK and China, it is one of the best kept advanced technology secrets outside of Japan. The company provides wire and cable products, including microwave interconnects, robot cables, high data rate cables, camera link cable assemblies, ultrafine coaxial cables and assemblies, cables for clean environments, and general wires and cables. It also provides tube and fitting products, including generic resin tubes, fluoropolymer tubes, high-barrier tubes, flexible multi-layered tubes, industrial hoses, degassing modules, heat-shrinkable tubes, and the market leading peelable heat shrink tubes.