

FOR IMMEDIATE RELEASE

3X Density Boost with New MDC Connector

HICKORY, NC – February 28, 2019 – US Conec, a global leader in the design and development of high-density optical interconnects, unveils a revolutionary new duplex optical connector solution: the MDC connector. This state-of-the-art connector design ushers in a new era in two fiber connectivity by bringing unmatched density, simple insertion/extraction, field configurability and optimal carrier grade performance to the ELiMENT™ brand single fiber connector portfolio.

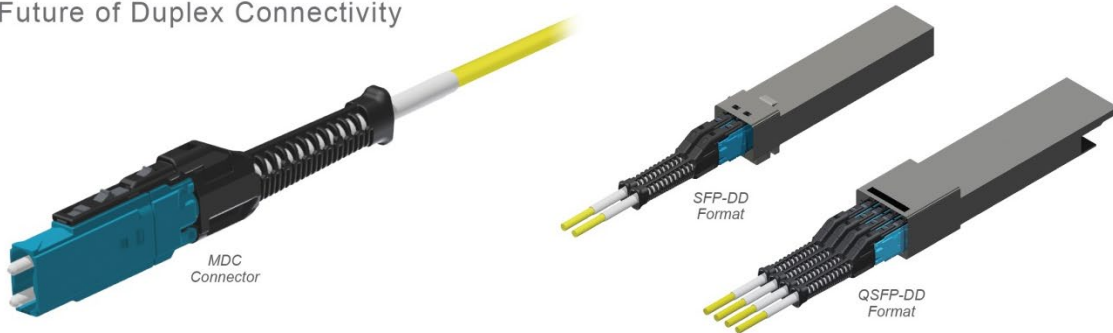
The MDC is a two fiber connector manufactured with proven 1.25mm ferrule technology used in industry standard LC connectors. Three port MDC adapters fit directly into standard panel openings for duplex LC adapters increasing fiber density by a factor of three. Supporting port breakout architectures for emerging transceiver MSAs, the smaller size will allow a single array transceiver to accept multiple MDC patch cables which are individually accessible directly at the transceiver interface. The new format will support four individual MDC cables in a QSFP footprint and two individual MDC cables in an SFP footprint.

Insertion and extraction of the MDC connector occurs with a simple push or pull on a flexible and robust strain relief boot providing functional density in very tight spaces. For faster error free installations, an optional aggregation component will allow for insertion and removal of multiple MDC connectors at once. Polarity of MDC connectors is effortlessly changed in the field or factory to support multiple cabling methodologies without the need for tools and without exposing or twisting delicate fibers.

The MDC connector is designed for optimal stability exceeding the requirements of Telcordia GR-326 for carrier or data center applications. Please visit US Conec in Booth 3131 at OFC 2019 for a demo of the MDC connector in addition to US Conec's portfolio of high density optical interconnect products.

MDC Connector

The Future of Duplex Connectivity



About US Conec

US Conec is a global leader in the design and development of high-density optical interconnects. With over 25 years of innovative experience, the company provides industry leading components for data center and enterprise structured cabling, public networks, on-board optical interconnects, industrial and military markets worldwide. Key product developments include single-mode and multimode MT-style and custom multi-fiber ferrules, MTP® brand MPO connectors, MXC® connectors, PRIZM® LightTurn® and PRIZM® MT lensed ferrule technology, ELiMENT™ single fiber connector solutions, IBC™ brand fiber optic cleaning solutions, termination equipment for multi-fiber interconnects, and high precision optical packaging components. US Conec is headquartered in Hickory, North Carolina, and is an equity venture of three leading communication technology companies—Corning Optical Communications, Fujikura, and NTT-AT.

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