

MXC[®] EXPANDED BEAM CONNECTORS

The US Conec MXC[®] connector includes expanded beam PRIZM[®] MT ferrules and is optimized for direct interface to equipment. It provides a more robust, debris insensitive connection compared to other solutions. It also allows for fiber ribbons to be stacked and can house up to 64 channels, increasing the density of fibers at the card-edge and maximizing space efficiency. Future variants of the platform support a wide variety of configurations including single port or ganged multi-port options for a front panel or backplane application.

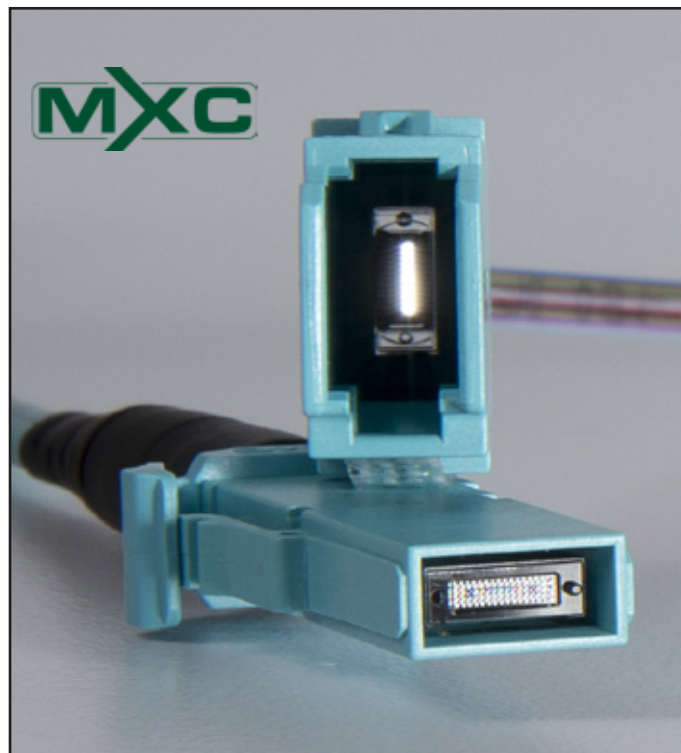
- Enables lane counts up to 48 channels using stacked 12-channel ribbon fibers or 64 channels using stacked 16-channel ribbon fibers
- Expanded beam technology greatly reduces debris sensitivity of the signal
- Low insertion force facilitates mass mating in high density applications
- Stacked ribbon configurations allow for increased density and maximum space efficiency
- Available in jacketed or bare ribbon configurations



Applications

- High-performance computing
- Switching and routing fabrics
- Switch and server interconnects

MXC[®] and PRIZM[®] are registered trademarks of US Conec Ltd.
Images courtesy of US Conec Ltd.



About Timbercon

Timbercon has been a leader in the military and aerospace communications industries for over 19 years.

Our fiber optic products are fully assembled at the Timbercon manufacturing facility in Tualatin, Oregon, USA. The on-site sourcing, research and development, and production teams enable Timbercon to maintain stringent controls across the build process from sourcing to finished product. Our manufacturing processes and products are RoHS compliant, ISO 9001 certified, and AS9100C certified.

When quality workmanship is your priority, choose Timbercon USA manufactured fiber optic products.



Phone: 503.827.8141
Toll Free: 800.221.6992
Email: info@timbercon.com
www.timbercon.com