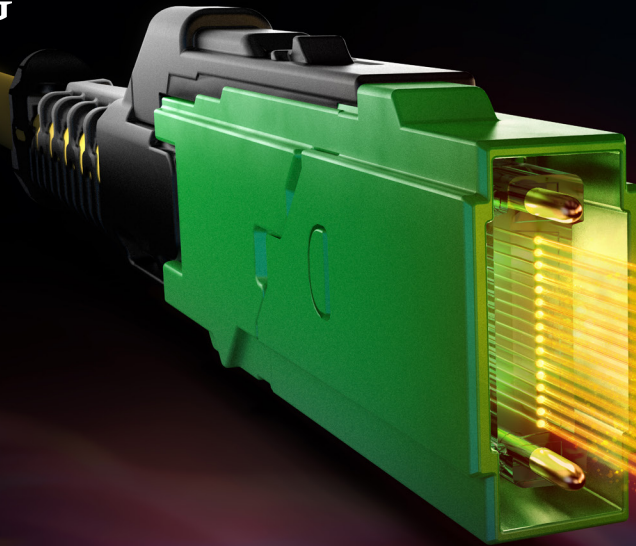


CORNING



MMC[®] Connector with PRIZM[®] TMT Ferrule

For nearly a decade, data center leaders worldwide have relied on Corning MMC[®] Connectors for density, scalability, and reliability. Now, the next evolution of this industry standard, Corning MMC Connectors with PRIZM[®] TMT Ferrule technology, delivers even greater density and ease of use for AI hyperscalers. Part of the Corning[®] GlassWorks AI[™] family, PRIZM TMT Ferrule's innovative, no-clean* interface is designed specifically for challenging, fast-paced data center environments. The result is quick installation, repeatable performance, and higher labor efficiency – all with minimal training.

0.5 dB insertion loss[†]

per connector for high-performance AI networks

90% faster

than physical-contact MMC

80% more performance

in stable re-mating after 50 re-matings without cleaning

3–6x more density[‡]

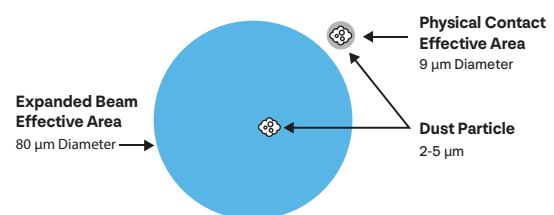
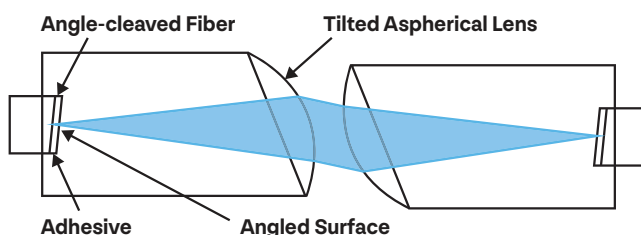
than traditional MPOs in the same footprint

70% lower mating force[§]

enabling high-performance mass insertion

Beam expansion means consistent performance with little to no cleaning.

The connector ends expand the light beam, passively aligning without physical contact to minimize the effects of dust, delivering low-loss, repeatable quality and gang-deployment capability for speedy scalability.





High Density at Scale

Put more fibers into less space using the familiar, field-proven MMC® format, while maintaining the flexibility to adapt to evolving AI architectures.



Quick Deployment

Simply insert and deploy. No specialized technical skills are required, minimizing the need for cleaning consumables and inspection.



Ecosystem Maturity

Designed for use with MMC platform solutions – the choice of data center industry leaders since 2019.



Blast Radius Containment

Limits the operational impact of service events in dense environments.

Engineered for Simplicity. Built for Scale.

Capability	Technical Advantage	Why It Matters
0.5 dB insertion loss†	Delivers best-in-class lens connector outperforming the nearest lens alternative by 0.2 dB	Eliminates the traditional trade-off between lens-based cleanliness and optical performance
90% faster deployment	Lens-based design minimizes the scope, clean, and test cycles commonly required with physical contact connectors	Accelerates network turn-up and reduces deployment time from more than 79 minutes to under 9 minutes
70% lower mating force	Enables reliable ganged connectivity and mass insertion of high-density connections	Simplifies installation while supporting scalable, high-density deployments
80% more stable re-mating performance	Maintains consistent optical performance across 50 re-mates without cleaning	Provides more predictable network performance during deployment, testing and ongoing operations

**Extremely dirty connectors can be cleaned with compressed air*

†Available in Q4

‡When comparing MPO to 16 or 32F PRIZM TMT

§Compared to physical-contact ferrules



Contact Us
Scan or Click

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