



CORNING

EDGE™ Rapid Connect

Data Center Interconnect Preterminated Solutions

Increasing data compute and storage requirements are driving the construction of data center campuses and hyperscale data centers. Can your network support these faster deployments? Corning EDGE™ Rapid Connect (RC) can help.

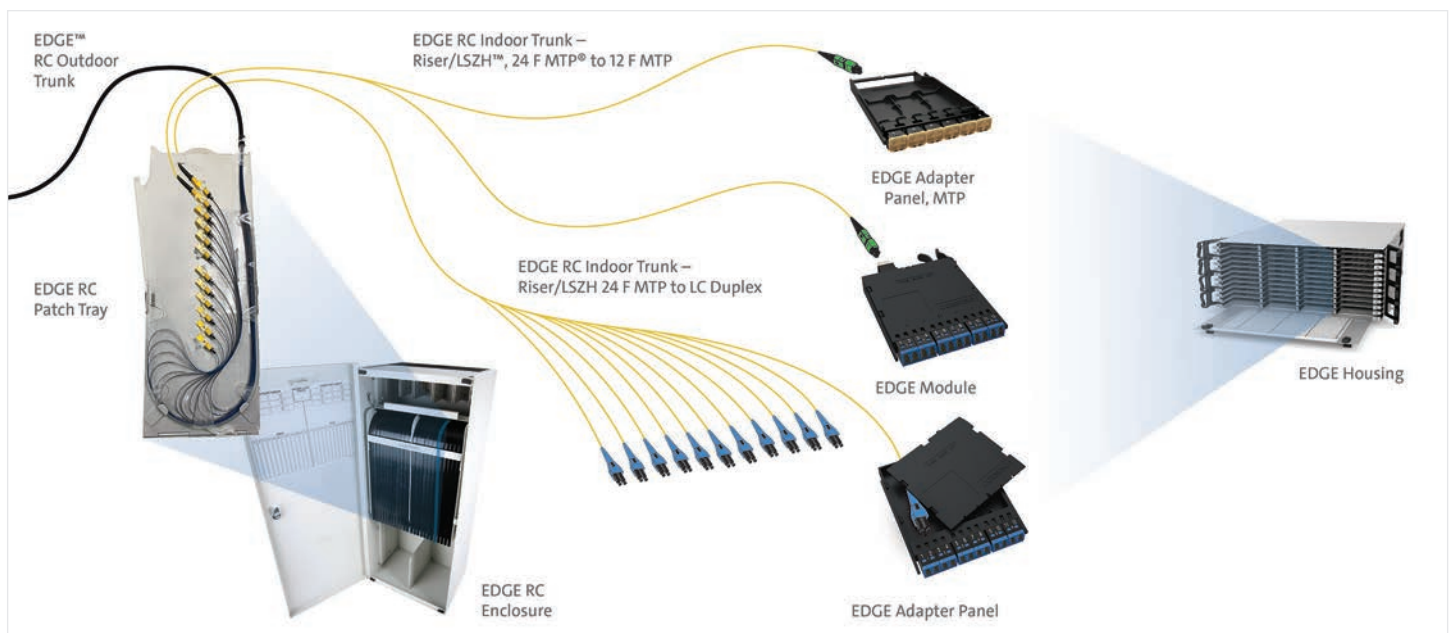
Designed with new Fast-Track MTP® Connectors and routable subunits, this rugged, high-density cabling solution is optimized to let you complete data center interconnects faster than ever. It matches the density found in comparable data center interconnect splicing solutions, no splicing necessary—saving you up to 70% on installation time when installing trunk cables between data center buildings. And our engineering support team can help make sure your deployment is a success.

If you're ready to eliminate the time and complexity of splicing, visit www.corning.com/edge-rapid-connect to learn more.

REDUCE INSTALLATION
TIME BY UP TO

70%

by eliminating splicing in the field



New Connector Technology, Not a New Connector

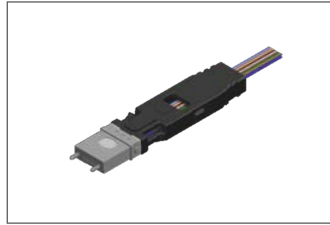
Traditional 24 F MTP® Connector



Traditional 24 F MTP Connector

- ✓ Used for inside plant cable for data center applications
- ✓ Form factor is familiar to data center operators
- ✗ Requires a large pulling grip, reducing the number of trunks which can be pulled through restricted pathways

24 F Fast-Track MTP Connector During Installation



Fast-Track MTP Ferrule

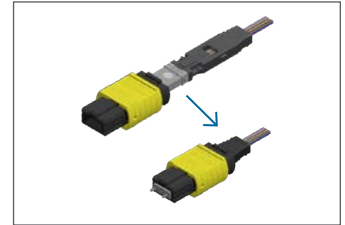
- ✓ During installation only the ferrule is placed inside pulling grip, which lowers the OD of grip to fit into restricted pathways



Housing Assembly Adapter

- ✓ The housing assembly adapter is shipped within the tray of the EDGE™ RC enclosure, and the Fast-Track MTP ferrule is inserted during field installation

After Installation



Fast-Track MTP Connector

- ✓ After installation, the grip is removed, the EDGE RC enclosure is mounted, and the connector is reconstructed back into a 24 F MTP Connector

Corning EDGE Rapid Connect

Outside Plant (OSP) Preterminated Cable



EDGE RC Outdoor Trunk

- Factory terminated and tested
- 24-fiber Fast-Track MTP Connectors with ≤ 0.35 dB insertion loss per connector pair
- 2-inch diameter pulling grip enables three trunks to be pulled through a 4-inch conduit

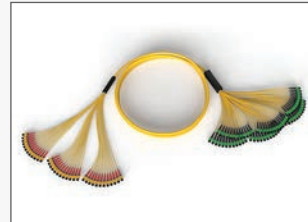
Transition Point



EDGE RC Enclosure

- Ships with 24-fiber MTP patch trays that each accept up to 12 MTP or Fast-Track MTP connectors
- Maximum capacity: 3,456 interconnected fibers (12 F MTP) or 6,912 interconnect fibers (24 F MTP)
- Wall mountable and rack mountable

Inside Plant (ISP) Preterminated Cable



EDGE RC Indoor Trunk

Available as:

- Riser or LSZH™ flame rated
- 12-fiber MTP connector to 24-fiber MTP connector
- 24-fiber MTP connector to LC Duplex Uniboot connector



EDGE Solutions

These high-density, preterminated optical cabling solutions offer industry-leading connector density.

- EDGE Housing – Available in 4U, 2U, and 1U
- EDGE Adapter Panels – Available in MTP adapters and LC adapters
- EDGE Modules – MTP to LC module with ≤ 1.0 dB insertion loss

Need assistance? We're available for complete engineering support.

REDUCE INSTALLATION TIME BY UP TO 70% by eliminating splicing in the field

Empowering the World With Data Center Solutions You Can Trust

Visit www.corning.com/edge-rapid-connect to learn more about DCI solutions.

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