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.
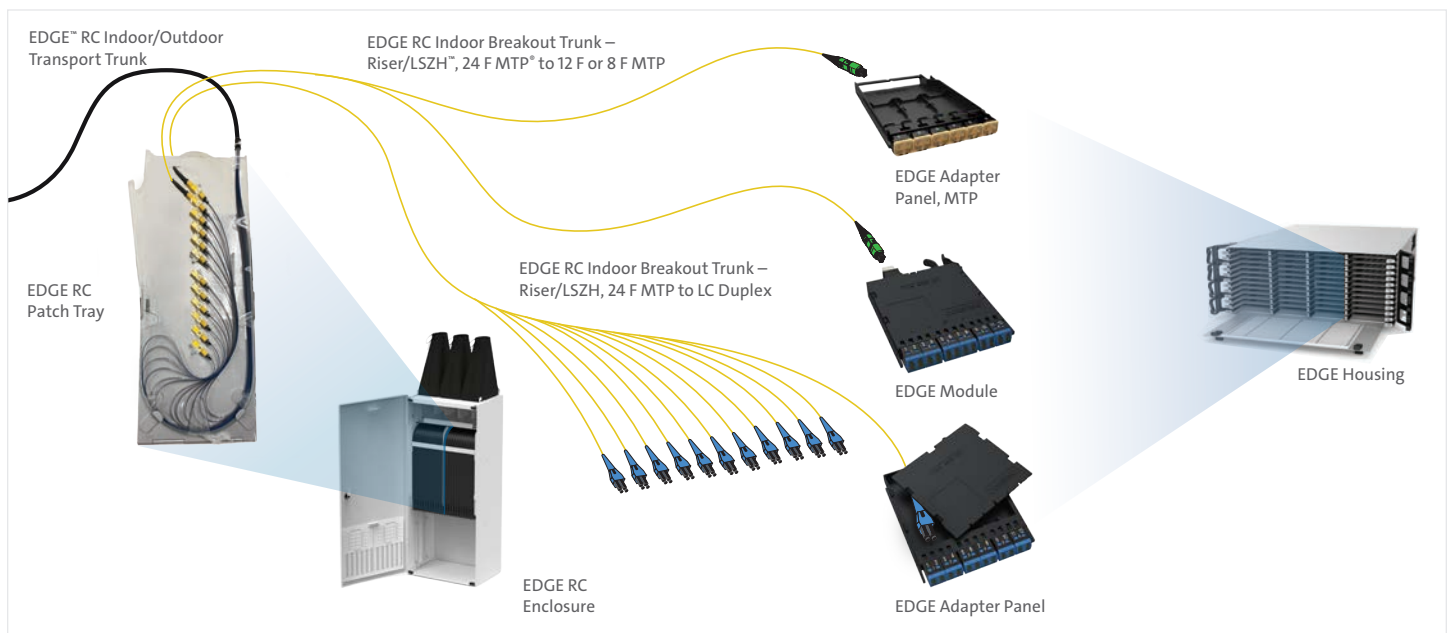
Designed with new Fast-Track MTP® Connectors and routable subunits, this rugged, high-density cabling solution is optimized to let you complete data center interconnects faster than ever. It matches the density found in comparable data center interconnect splicing solutions, no splicing necessary—saving 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

EDGE™ RC Indoor/Outdoor Transport Trunk

EDGE RC Indoor Breakout Trunk — Riser/LSZH™, 24 F MTP® to 12 F or 8 F MTP

EDGE Adapter Panel, MTP

EDGE RC Patch Tray

EDGE RC Indoor Breakout Trunk — Riser/LSZH, 24 F MTP to LC Duplex

EDGE Module

EDGE Housing

EDGE RC Enclosure

EDGE Adapter Panel

New Connector Technology, Not a New Connector

Traditional 24 F MTP® Connector

24 F Fast-Track MTP Connector During Installation

After Installation
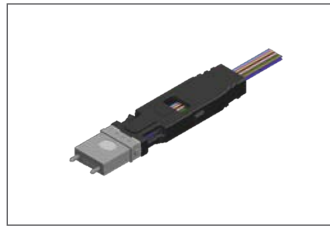
Traditional 24 F MTP Connector

✓ 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
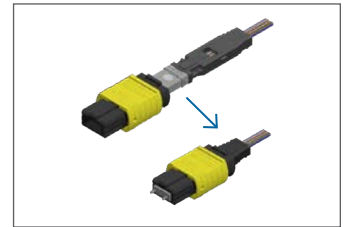
Fast-Track MTP Ferrule

✓ 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

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

Transition Point

Inside Plant (ISP) Preterminated Cable

EDGE RC Outdoor Transport Trunks

- 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
- Also available as Indoor/Outdoor Trunks with Riser/LSZH™ dual-rated cable

EDGE RC Enclosure

- Wall or rack mountable
- Ships with 24-fiber MTP patch trays that each accept up to 12 MTP or Fast-Track MTP connectors
- Max capacity: 3,456 interconnected fibers (12 F MTP) or 6,912 fibers (24 F MTP)
- Consolidator Frame with a max capacity of 34,560 interconnected fibers also available

EDGE RC Indoor Breakout Trunk*

Available as:

- Plenum or LSZH flame rated
- 24-fiber MTP connector to 12-fiber or 8-fiber MTP connector
- 24-fiber MTP connector to LC Duplex Uniboot connector

* **NOTE**: Indoor Transport Trunk with Fast-Track MTP Connectors also available.
See web page for more details www.corning.com/edge-rapid-connect.

EDGE Solutions

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

- EDGE and EDGE8® Housing - Available in 4U, 2U, and 1U
- EDGE and EDGE8 Adapter Panels — Available in MTP adapters and LC adapters
- EDGE and EDGE8 Modules — MTP to LC module with < 1.0 dB insertion loss

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

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Empowering the World With Data Center Solutions You Can Trust

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