

## 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.

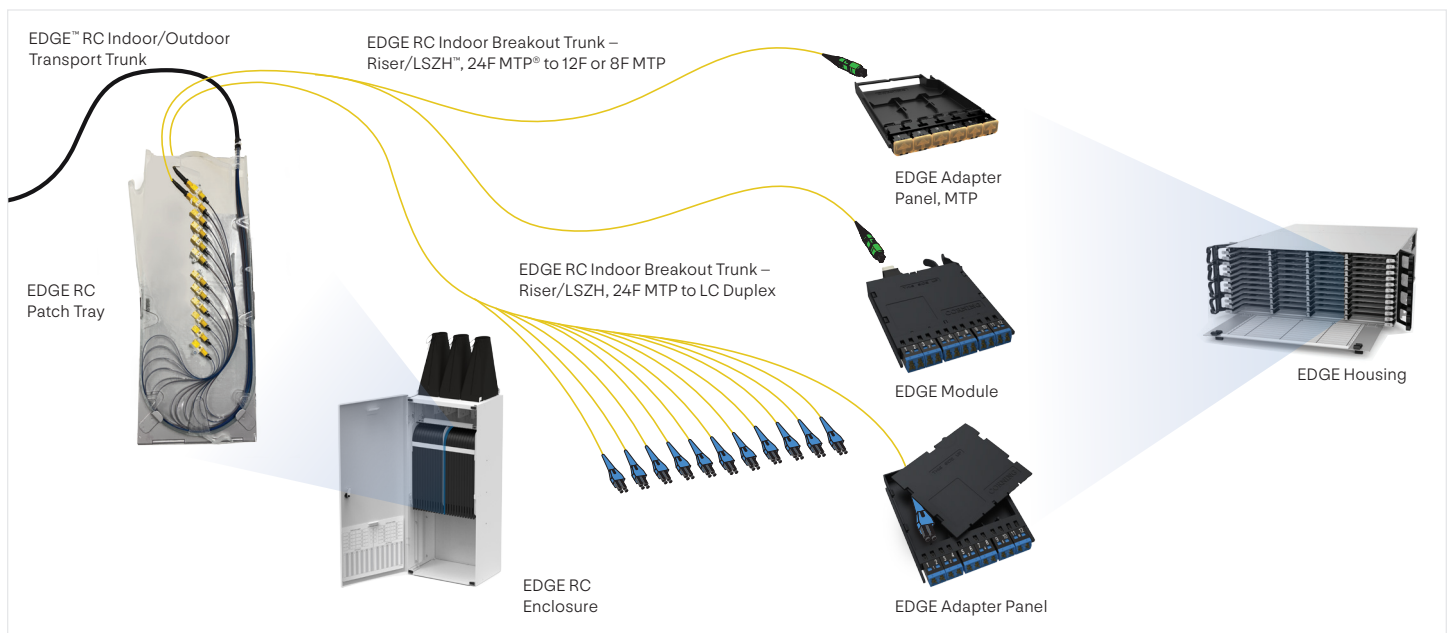
Designed with new Fast-Track MTP® Connectors and routable subunits, this rugged, high-density cabling solution is optimized to let you complete data center interconnects faster than ever. It matches the density found in comparable data center interconnect splicing solutions, no splicing necessary— saving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

Reduce Installation Time By Up To

# 70%

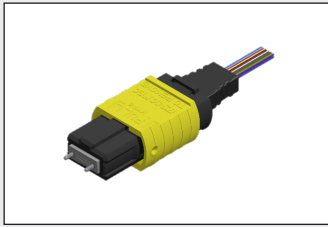
by eliminating splicing in the field

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



# New Connector Technology, Not a New Connector

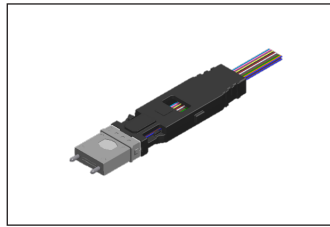
Traditional 24F MTP® Connector



## Traditional 24F MTP Connector

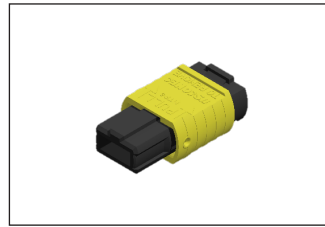
- ✓ Used for inside plant cable for data center applications
- ✓ Form factor is familiar to data center operators
- ✗ Requires a large pulling grip, reducing the number of trunks which can be pulled through restricted pathways

24F Fast-Track MTP Connector During Installation



## Fast-Track MTP Ferrule

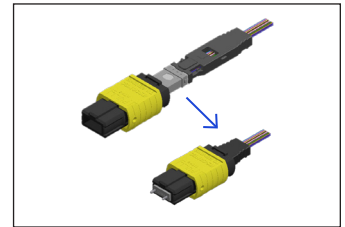
- ✓ During installation, only the ferrule is placed inside pulling grip, which lowers the OD of grip to fit into restricted pathways



## 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

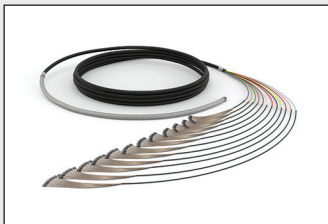


## Fast-Track MTP Connector

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

# Corning EDGE Rapid Connect

Outside Plant (OSP) Preterminated Cable



## EDGE RC Outdoor Transport Trunks

- Factory terminated and tested
- 24-fiber Fast-Track MTP Connectors with  $\leq 0.35$  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

Transition Point



## 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 (12F MTP) or 6,912 fibers (24F MTP)
- Consolidator Frame with a max capacity of 34,560 interconnected fibers also available

Inside Plant (ISP) Preterminated Cable



## 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](http://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

**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](http://www.corning.com/edge-rapid-connect) to learn more about DCI solutions.

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