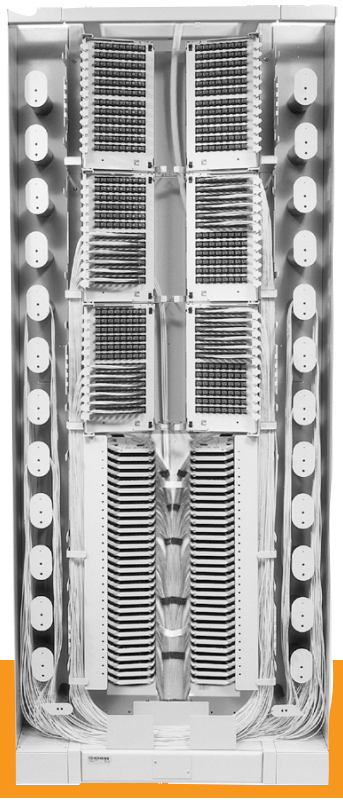


OMX Optical Distribution Frame

As the number of installed fibers grows, the capability of a service provider's optical distribution frame to handle large amounts of fiber becomes crucial. Often, too, office floor space is at a premium and saving floor space by increasing the optical distribution frame density can provide significant cost-savings. At the same time, service providers require a flexible optical distribution frame that enables them to quickly respond to the changing needs of their customers.

Working closely with service providers, TE Connectivity has developed the OMX optical distribution frame to address these key requirements. Designed with total front access, the OMX can be installed back-to-back or against a wall to save valuable office floor space. This high-density frame terminates and splices up to 576 fibers in a 600mm x 300mm (ETSI) footprint and 864 fibers in a 800mm x 300mm footprint. The OMX fiber frame protects fiber cable and connections through use of the patented angled adapter/retainers and design features that maintain correct bend radius throughout the frame. Adding signal management and enhancement functions, such as splitters, couplers and wavelength division multiplexers, optimizes the value of the fiber network by providing nonintrusive access to the optical signal for monitoring and testing signal integrity.

FEATURES AND BENEFITS

- **Modular solution**
  Provides greater flexibility for a variety of applications
  - *Saves costs by standardizing on one flexible solution*

- **High density solution**
  Accommodates up to 576 terminations and splices within 600mm x 300mm footprint and 864 in a 800mm x 300mm footprint
  - *Saves valuable floor space*

- **Total front access frame**
  Allows installation back-to-back or against a wall
  - *Saves valuable floor space*

- **Superior cable management**
  Protects cables and connectors; reduces reconfiguration time
  - *Saves maintenance costs, improves reliability*

- **Completely enclosed and lockable**
  Provides additional fiber protection and security
  - *Improves network reliability through controlled access to fibers*

TE connectivity

OMX Optical Distribution Frame

The OMX's modular design provides flexibility to meet the specific needs of the service provider. Each solution combines the following parts.

OMX FRAME

The OMX frame is 600mm x 300mm (ETSI) and has ten mounting positions for the termination, splice and jumper storage modules. The OMX 800 frame is 800mm x 300mm and also has ten mounting positions for the termination, splice and jumper storage modules.

OMX TERMINATION MODULE

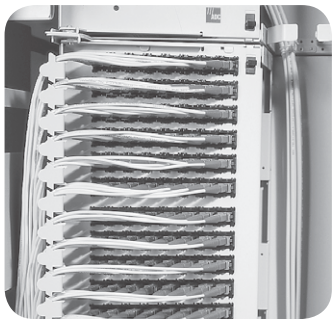
The OMX termination modules are available with 72, 96, or 144 (with LC or LX.5) adapters. These modules can be ordered with adapters only or preterminated with either intrafacility fiber cable (IFC), outside plant (OSP) cables, or pigtails for ease of installation.

OMX SPLICE MODULE

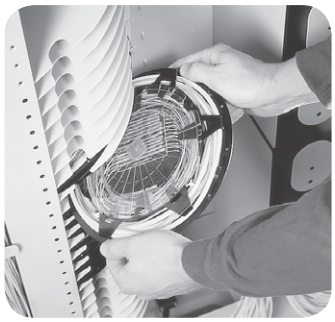
The OMX splice module provides protection and a mounting location for either round splice trays or the FAME splicing cassettes. Each splice module is two mounting positions tall and holds 24 splice trays. Each splice tray can house up to 24 splices.

OMX SLACK STORAGE SOLUTIONS

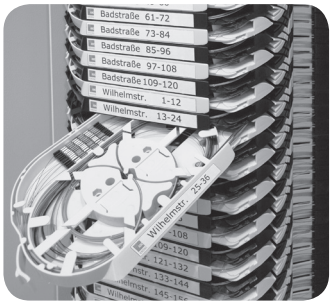
The OMX jumper storage module enables storage of fiber-optic jumper slack within an OMX frame. Each jumper storage module is one module position tall. The Interbay Management Panel provides off-frame storage of jumper slack. TE recommends the use of 2mm patch cords to maximize the cable management potential of the OMX.



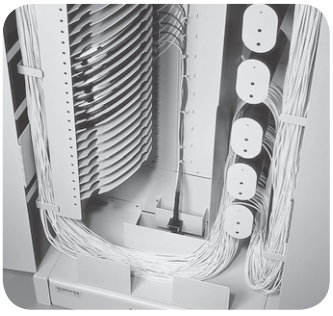
OMX termination module



OMX splice module



FAME® splicing cassettes



OMX slack storage solution

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