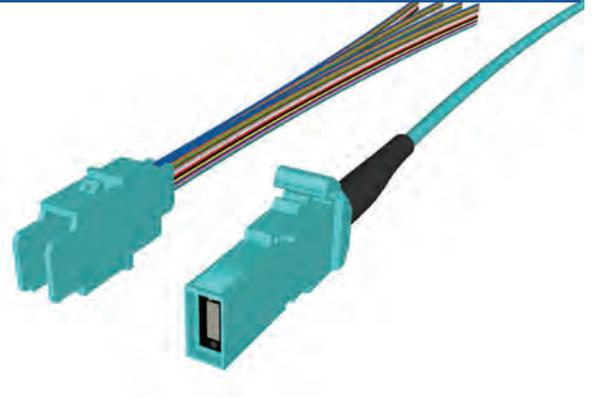


# MXC® MULTI-FIBERS CABLE ASSEMBLIES

## MXC® CABLE ASSEMBLIES

The newest MXC® optical interconnect solutions utilize the expanded-beam MT technology to provide cutting-edge high-density interconnection. It provides a direct card edge interface to embedded optical engines for a wide variety of equipment interface applications.

Optec is certified by US Conec as an approved manufacturer to provide fully-customized fiber assemblies using the newest MXC® connector. Customers can specify MXC® plug or MXC® receptacle on either ends, with choices of round cable or bare ribbon cable in specific lengths as required.



## Features And Applications

Cutting-edge high-density

132 MXC® receptacle fit into a 19" 1U panel, increase 40% faceplate space and 59% PCB area

Less sensitive to debris and contamination

Recessed ferrule with expanded-beam MT technology

Reduces cost, complexity and footprint

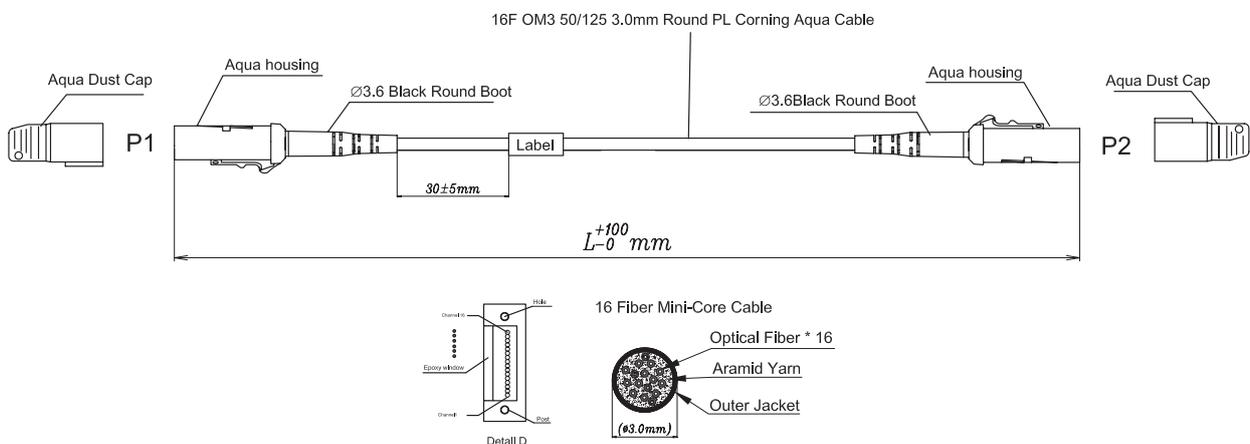
Eliminated the traditional adapter and reduced component count, to increase 40% faceplate space & 59% PCB area

High flexibility in operation and installation

Convenient conversion from MXC® interface to MPO / MTP® interface for connecting CXP or other active optical modules

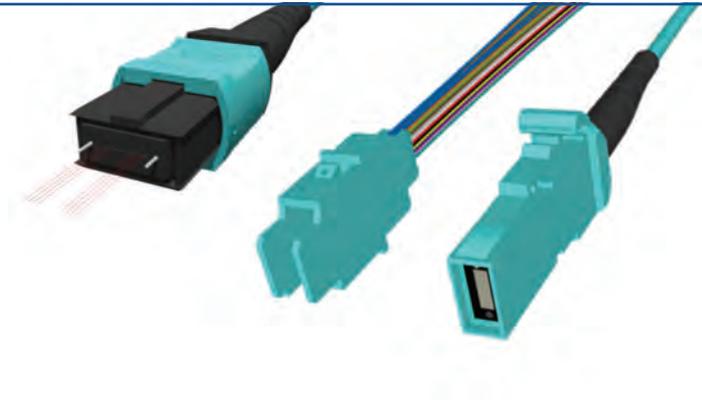
## Product Illustration & Examples

**EXAMPLE** Item Description: MXC-Plug to MXC-Plug, 16-fiber, OM3, 3.0mm cable



**It is a fully customizable item, please contact technical support or sales team to discuss your needs.**

Optec is certified by US Conec as an approved manufacturer to provide fully-customized fiber assemblies using the newest MXC® connector. Our cable assemblies are a convenient solution which allows conversion from the MXC® interface to individual MPO/MTP® connectors for connections to active optical modules.



### Features And Applications

Cutting-edge high-density

132 MXC® receptacles fit into a 19" 1U panel, increase 40% faceplate space and 59% PCB area

Less sensitive to debris and contamination

Recessed ferrule with expanded-beam MT technology

Reduces cost, complexity and footprint

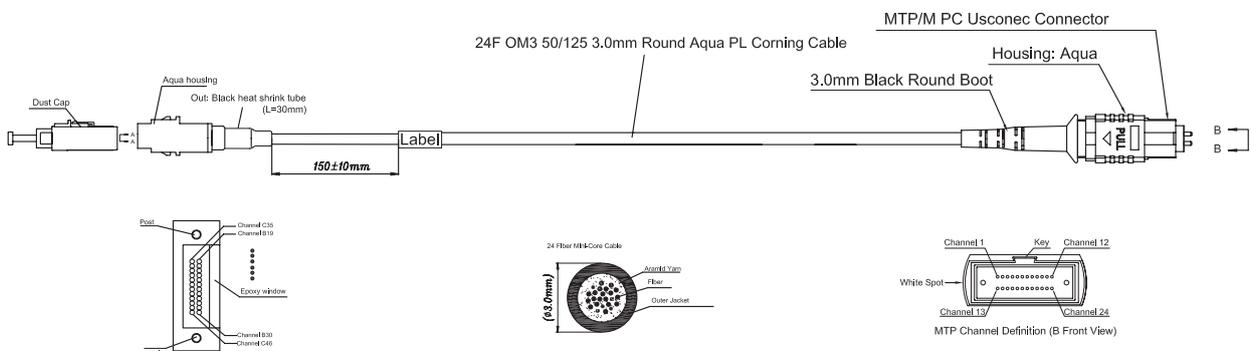
Eliminated the traditional adapter and reduced component count, increase 40% faceplate space & 59% PCB area

High speed connection solution for blackplane

Convenient connection from PCB to card edge by using MXC® receptacle and MPO/MTP® connector

### Product Illustration & Examples

**EXAMPLE** Item Description: MXC-Receptacle to MTP-Male, 24-fiber, OM3, Mini-core Cable

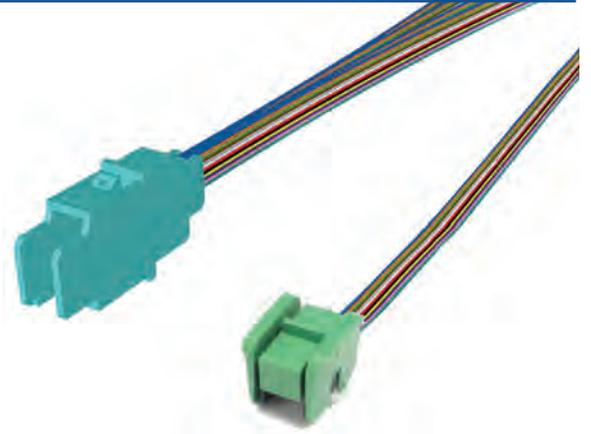


It is a fully customizable item, please contact technical support or sales team to discuss your needs.

# MXC® MULTI-FIBERS CABLE ASSEMBLIES

## MXC® TO PRIZM® LightTurn® ASSEMBLIES

Optec is certified by US Conec as an approved manufacturer to provide fully-customized fiber assemblies using the newest MXC® connector. Our MXC® to Prizm® LightTurn® cable assemblies are convenient backplane solutions for high-speed connections from PCB to card edge. The Prizm® LightTurn® interface can connect with US Conec Mechanical Optical Interfaces for direct PCB connection.



### Features And Applications

Cutting-edge high-density

132 MXC® receptacle fit into a 19" 1U panel, increase 40% faceplate space and 59% PCB area

Less sensitive to debris and contamination

Recessed ferrule with expanded-beam MT technology

Reduces cost, complexity and footprint

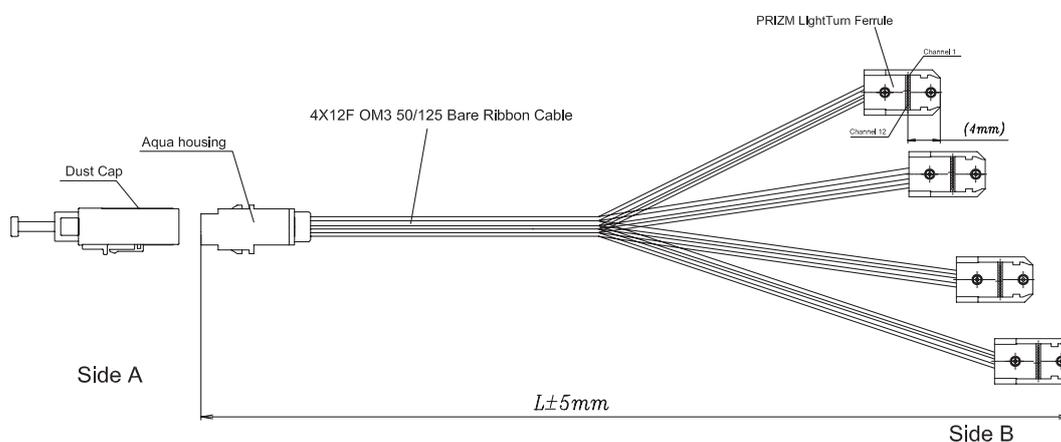
Eliminated the traditional adapter and reduced component count to increase 40% faceplate space & 59% PCB area

High speed connection solution for blackplane

Convenient connection from PCB to card edge by using one-end MXC® receptacle, another end Prizm-LT

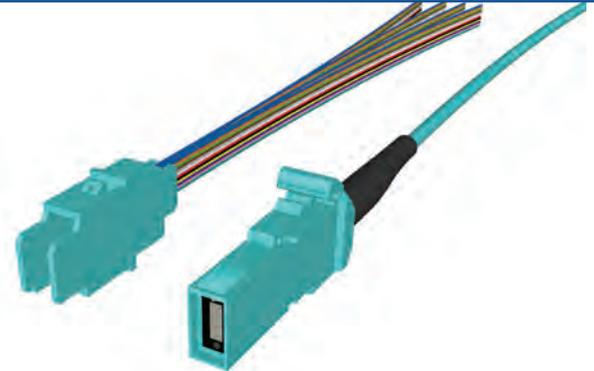
### Product Illustration & Examples

**EXAMPLE** Item Description: MXC-Receptacle to 4xPrizm-LT, 48-fiber, OM3, Bare Ribbon Cable



**It is a fully customizable item, please contact technical support or sales team to discuss your needs.**

Optec is certified by US Conec as an approved manufacturer to provide fully-customized fiber assemblies using the newest MXC® connector. Our MXC® to LC fanout assemblies are convenient solutions which allow conversion from the MXC® interface to individual LC for connections to QSFP or other active optical modules.



### Features And Applications

Cutting-edge high-density

132 MXC® receptacles fit into a 19" 1U panel, increase 40% faceplate space and 59% PCB area

Less sensitive to debris and contamination

Recessed ferrule with expanded-beam MT technology

Reduces cost, complexity and footprint

Eliminated the traditional adapter and reduced component count to increase 40% faceplate space & 59% PCB area

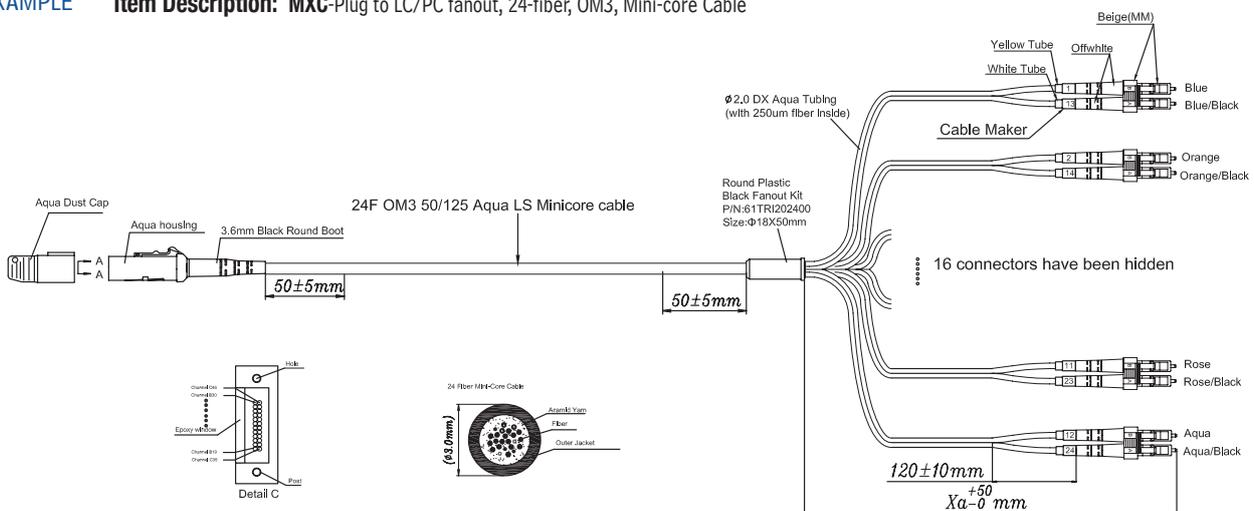
High flexibility in operation and installation

Convenient conversion from MXC® interface to LC/PC for connecting QSFP or other active optical modules

Terabit per second bandwidth capability

### Product Illustration & Examples

**EXAMPLE** Item Description: MXC-Plug to LC/PC fanout, 24-fiber, OM3, Mini-core Cable



**It is a fully customizable item, please contact technical support or sales team to discuss your needs.**