

## Custom MTP®/MPO Harness

MTP®/MPO Harness assemblies are built by C Enterprises to meet your network requirements while maintaining compatibility with large scale manufacturers. Custom and standard design configurations such as: a wide selection of cables, breakouts, staggers, pulling eyes, and labels to accommodate your system's requirements.

### Features

MTP®/MPO Harness Assemblies custom built to meet industry and proprietary requirements. These assemblies are ideal for installations or upgrades of 10G/40G/100G networks, in addition to legacy systems.

Provides a plug and play solution that meets design criteria for high density networks.

Harness assemblies provide interconnectivity for Parallel and/or Duplex optics.

Our lineup includes a wide range of breakout, stagger, and connector options to fulfill the unique demands of your network, whether upgrading or for a new installation.

#### Connectors

We use US Conec MTP® Connectors, maximizing the optical and mechanical performance of your assembly.

Design eases connecting of network segments: improving installation and reliability.

A wide range of connector types are available for easy upgrade of existing infrastructure.

Clipping of connectors and labeling of fiber legs eases installation.

Manufactured in the USA.

### Available Options

#### Connector Side 1:

MTP® Connectors

- 12 Fiber Array or 24 Fiber Array Connector
- Gender: Female (without pins), Male (with pins)
- Optional MTP Elite connectors provide the improved insertion loss required for high speed and/or critical networks.

#### Connector Side 2:

MTP® Connectors, LC Uniboot, LC\*, SC\*, FC, ST

\* Available clipped or unclipped.

Select 8-288 fiber counts. For more details please refer to our Sales Team.

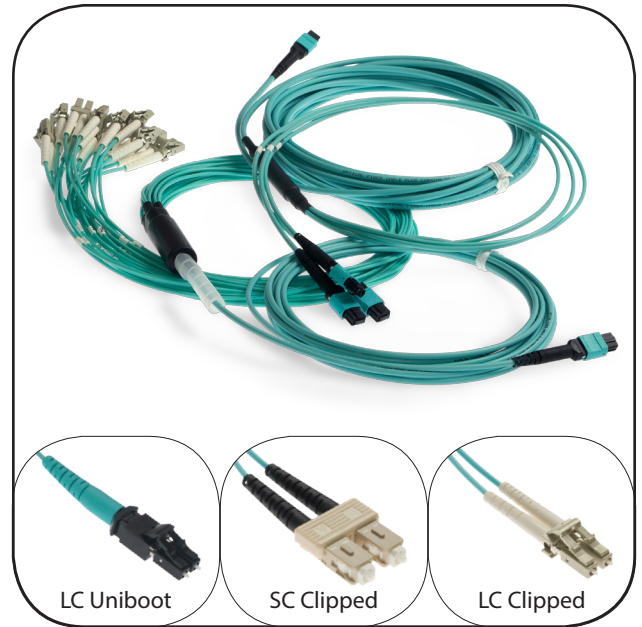
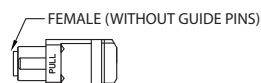
**Fiber Type:** Single-mode (OS2), Multimode (OM3,OM4)

For Legacy Systems: Multimode (OM1,OM2)

**Cable Jacket Type:** Indoor, Indoor/Outdoor, OSP, Armored

**Cable Jacket Rating:** Plenum (OFNP), Riser (OFNR), LSZH

**Polarity:** Industry standard options or custom requests



### Agency / Standard Compliance

#### Assembly:

- RoHS/REACH Compliant
- ANSI/TIA 568-C.3
- IEEE 802.3

#### Connector:

- RoHS/REACH Compliant
- ANSI/TIA 568-C.3

### Application

Designed for high speed fiber optic networks in a data center environment or a storage area network (SAN).

A key part of 10G to 40G migrations.

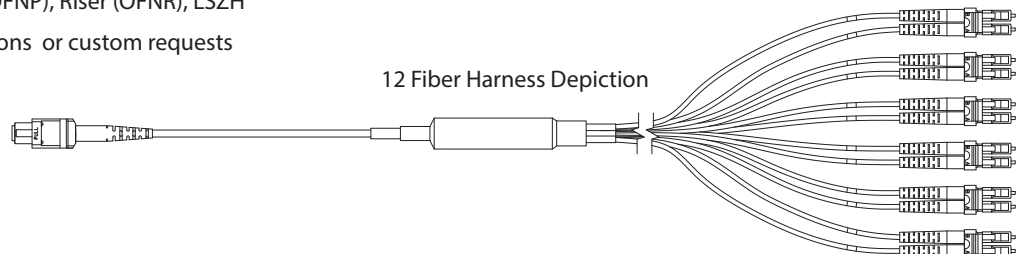
Applications include: SFP+/SFP28/QSFP+/QSFP28/CFP/CFP2/CFP4/CDFP.

### Testing Limits

All connectors are tested to applicable standards as outlined in C Enterprises Engineering Standards. Low loss testing and customized testing as requested.

### Customization

Contact our sales team for information on how we can build an assembly to match your company's need.



C Enterprises 2445 Cades Way Vista, CA 92081

www.centerprises.com

Toll Free: 800.334.3815 . Office: 760.599.5111 . Info@centerprises.com

**CORNING**  
**CAH** Connections<sup>SM</sup>  
Gold Program

**RoHS**  
COMPLIANT

**ISO**  
9001:2008  
REGISTERED