

# MEGLADON<sup>®</sup>

MANUFACTURING GROUP, LTD

A TyRex Technology Family Company



## High-Density MPO Fiber Distribution Cassettes

### *The Megladon Difference*

**High-Density MPO Fiber Distribution Cassettes** offer unsurpassed fiber density and are designed to be used in conjunction with High Density Panels. Each cassette contains a fanout assembly that transitions from a MPO 12 fiber connector to 6 LC duplex pairs. Cassettes are designed to be installed with LC Uniboot assemblies for the highest density available. Panel and cassette combination is capable of supporting 144 fibers in 1RU, 288 fibers in 2RU and 576 fiber in 4RU.

**For more information on Megladon's HLC<sup>®</sup> process and products, please visit [megladonmfg.com](http://megladonmfg.com).**

### KEY BENEFITS

- ✓ Exclusive HLC Termination Process
- ✓ SCRATCHGUARD Durable Mating Surface
- ✓ Simplify the Deployment of Optical Network Infrastructure
- ✓ Breakout MPO Multifiber Ribbon Connectors to 12 Single Fiber LC Connectors
- ✓ Compatible with Megladon 1U-4U High-Density Rack Mount Distribution Boxes only

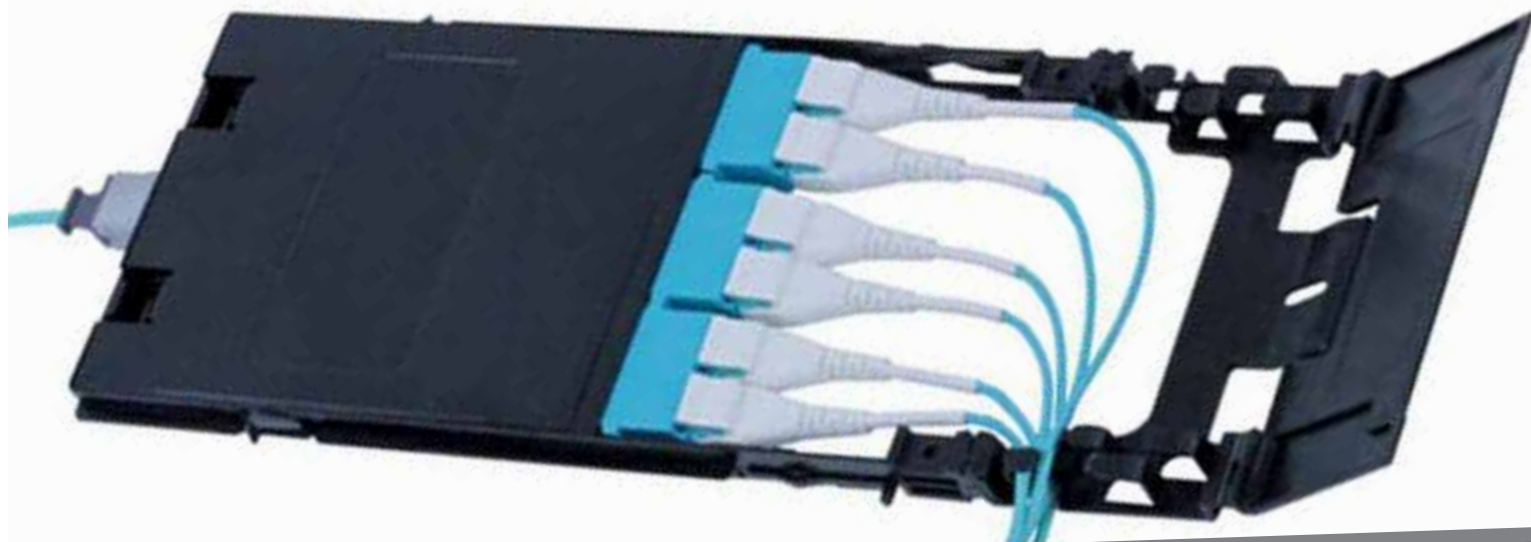
### APPLICATIONS

- ▶ Data Centers
- ▶ LAN, WAN, SAN
- ▶ Cross Connects
- ▶ Campus Distribution
- ▶ Headends



MEGLADON MANUFACTURING GROUP, LTD.  
CERTIFIED TO ISO 9001:2015  
CERTIFICATE NO. 10922584

# High-Density MPO Fiber Distribution Cassettes



## FEATURES

- ▶ Available in 12 Port Configuration with LC Connectors
- ▶ Available with 4 MPO Pass-Through Adapters (Patch)
- ▶ Features Low-Loss MPO Connectors and GR-326 Compliant Single Fiber Connectors
- ▶ Allows for 144 Fibers in 1 RU, 288 Fibers in 2RU and 576 Fibers in 4RU
- ▶ Built-In, Self-Contained Fiber Management
- ▶ Available in Singlemode (OS1) and Multimode 50um OM4

## PERFORMANCE CHARACTERISTICS

Megladon High-Density MPO Fiber Distribution Cassettes		
	<i>SM (OS1) - LC to MTP (dB)</i>	<i>MM (OM4) - LC to MTP (dB)</i>
Maximum Insertion Loss per Channel	1.15	1.15
Typical Insertion Loss per Channel	0.6	0.6
Reflectance	-55	-30
Dimensions	12 x 6 x 2 in.	12 x 6 x 2 in.
Weight	1.6 lbs.	1.6 lbs.

**MEGLADON**<sup>®</sup>  
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**Your Fiber Optic Solutions Partner • Reliable - Rugged - Repeatable**

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