

# Modular Connectorized Distribution Unit

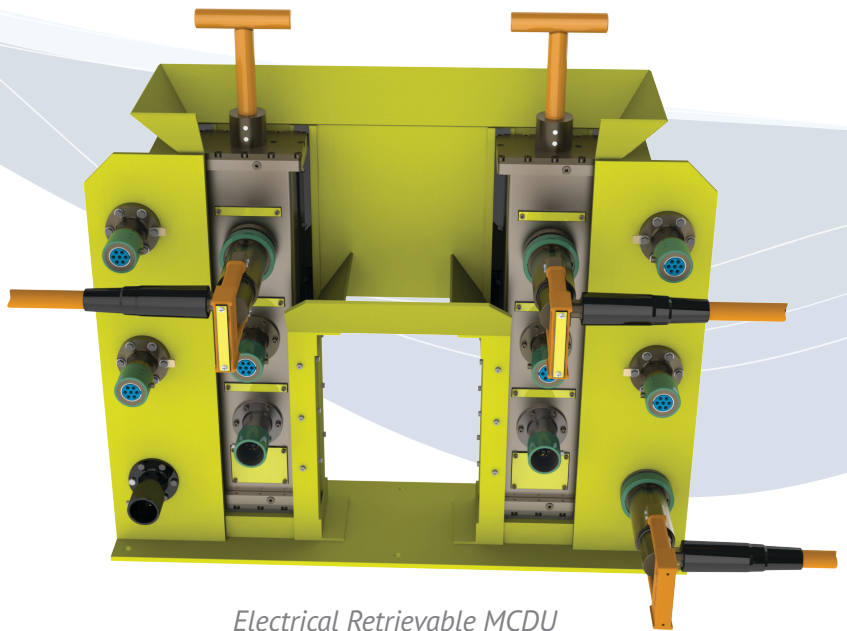
A modular family of factory qualified subsea distribution units that provide oil-filled, pressure-balanced, connectorized junctions for flexible under water configurations— Available in fixed or retrievable configurations

The flexible design and versatility of the Teledyne ODI MCDU allows for a variety of configurations with wet-mate connectors, including the industry standard Nautilus Electrical, Rolling Seal (RS) Optical, and Nautilus Rolling Seal Hybrid (NRH). Functioning as the hub of an expandable subsea network, the MCDU can support multiple circuit distribution and connectivity.

MCDU's pressure-balanced, low-profile manifold provides a unique arrangement that can easily interface with subsea structures. The design was introduced to eliminate the use of individual subsea junction boxes. The MCDU offers standardized configurations ranging from 4 up to 8 connector positions or custom arrangements upon request. The MCDU meets the requirements for ROV intervention with generous 6½ inch connector spacing, and optional Gross Alignment Funnels (GAF). Available in either stainless steel or titanium, the stainless steel option may be painted.

The retrievable MCDU option can be recovered back to the surface during system re-configurations. Teledyne ODI offers custom landing base frames to be used exclusively with the retrievable MCDU.

Optical, electrical, or hybrid configurations offer performance ratings that are in line.



*Electrical Retrievable MCDU*

## PRODUCT FEATURES

- **Qualified Subsea Distribution Units**
- **Flexible Configurations for a Variety of Wet-Mate Connectors**
- **Fixed or Retrievable Options**



**TELEDYNE MARINE**  
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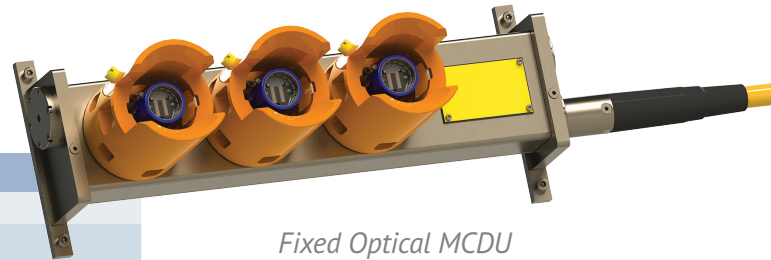
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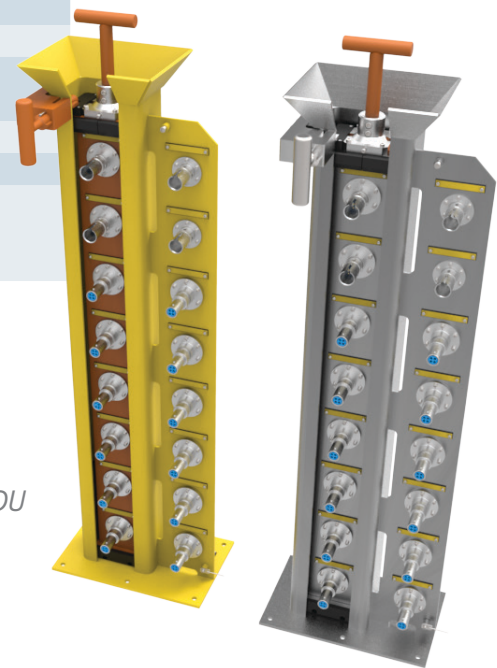
## TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS					
Max Operational Pressure	4,500 psi (3,000 m depth)				
Operational Temperature	<table border="0"> <tr> <td style="padding-right: 10px;"><b>Seawater</b></td> <td>23°F to +104°F (-5°C to +40°C)</td> </tr> <tr> <td><b>Air</b></td> <td>14°F to +122°F (-10°C to +50°C)</td> </tr> </table>	<b>Seawater</b>	23°F to +104°F (-5°C to +40°C)	<b>Air</b>	14°F to +122°F (-10°C to +50°C)
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Storage Temperature	-13°F to +140°F (-25°C to +60°C)				
Configurations	Standard Ranges from 4 to 8 Connectors Retrievable or Fixed Mount to Suit				
Material	Stainless Steel or Titanium				
Design Life	25 Years				
Available Connectors	Nautilus Electrical Connectors Rolling Seal (RS) Optical Connectors Nautilus Rolling Seal Hybrid (NRH) Connectors				

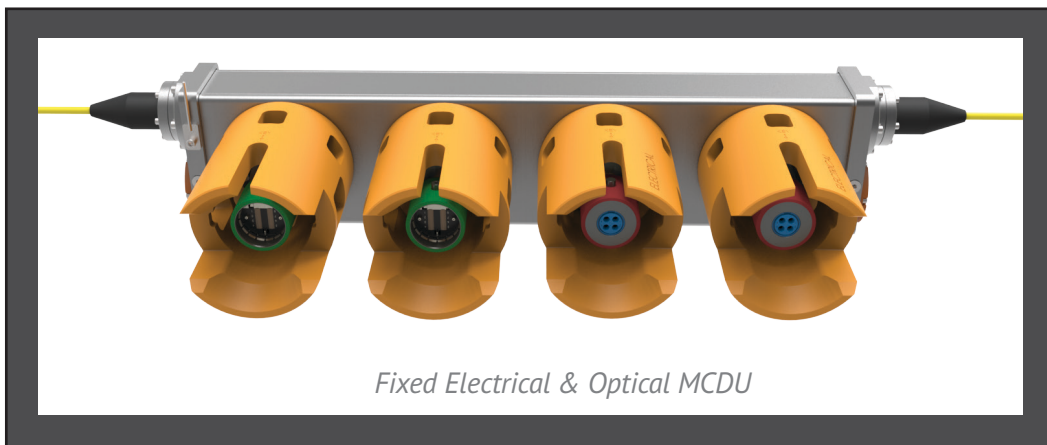
Optical & Electrical Specifications performance ratings are in line with the Teledyne ODI connector products used on the MCDU. Please contact Teledyne ODI with your distribution requirements.



*Fixed Optical MCDU*



*Painted and Unpainted Retrievable MCDU*



*Fixed Electrical & Optical MCDU*