

THE LEADING NAME IN SUBSEA CONNECTORS



SUBSEA CONNECTORS

Available in a wide range of contact configurations, our lightweight, durable design allows for repeated mating cycles, extreme ocean depth and varying temperatures.



CABLE ASSEMBLIES

Custom cable, wire leads and bulkhead thread lengths available. Direct and splice molding capability.



APPLICATIONS

Underwater vehicle systems, offshore oil and gas, renewable energy, defense, oceanographic, seismic, diving, video.

CONNECTORS MICRO WET-TECH

Our Micro Wet-Tech Series Connectors are universal fit and can be customized to your specific project needs.

Key Features:

- Wet mateable
- Individual pin-to-socket contacts contain premium molded o-ring seals for enhanced waterproof sealing capability
- Inline and bulkhead options available
- High-grade neoprene, polyurethane, metal shell and custom materials available
- High ocean depth rating

MICRO WET-TECH CONNECTORS

SPECIFICATIONS SHEET

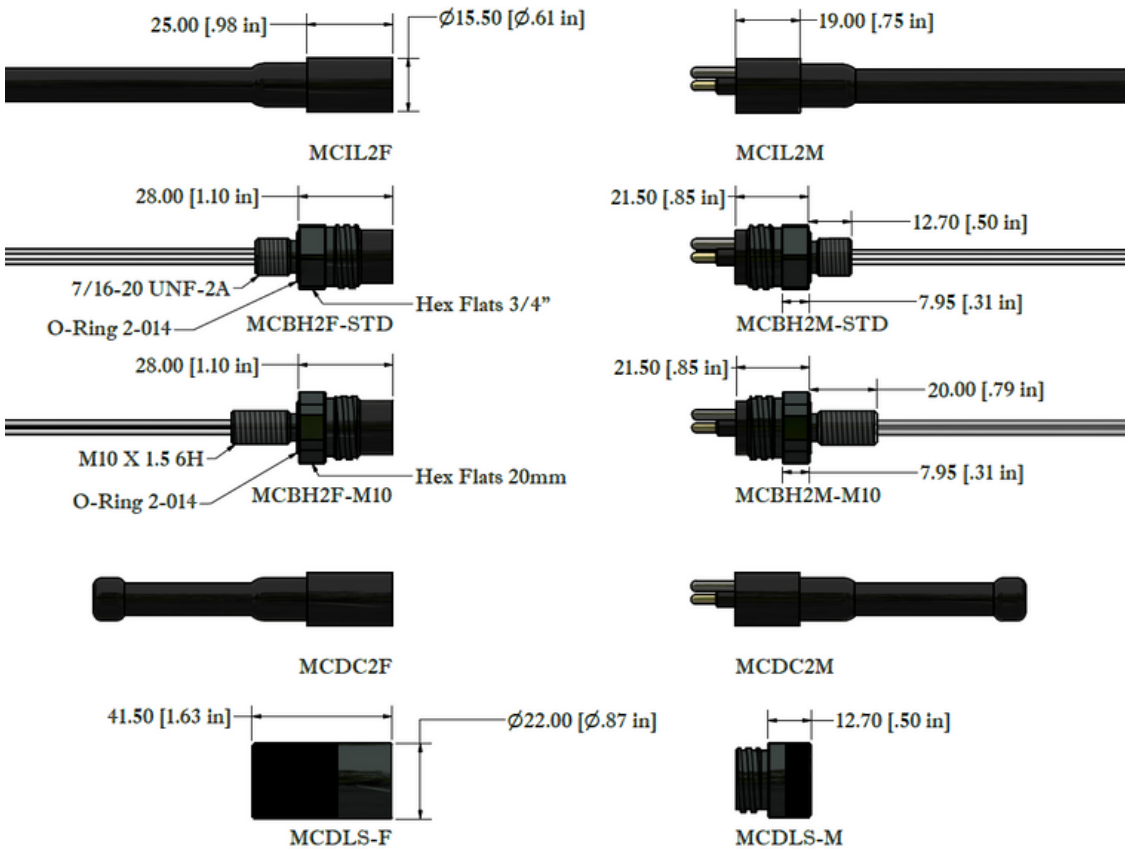
	2, 3, 4 Contacts	5, 6, 8 Contacts	8-CAT5e	8-CAT5e (High Pressure)
Pressure Rating	10k PSI	10k PSI	750 PSI	10k PSI
Voltage Rating	300 V DC/AC rms	300 V DC/AC rms	300 V DC/AC rms	300 V DC/AC rms
Contact Amp. Rating	19 A Per Contact (Max 30 A Per Connector)	10 A Per Contact (Max 20 A Per Connector)	10 A Per Contact (Max 20 A Per Connector)	10 A Per Contact (Max 20 A Per Connector)
Operating Temperature	20°F - 140°F	20°F - 140°F	20°F - 140°F	20°F - 140°F
Insulation Resistance	>200 Mohm	>200 Mohm	>200 Mohm	>200 Mohm
Contact Resistance	<0.01 Ω	<0.01 Ω	<0.01 Ω	<0.01 Ω
Wet Matings	>500 (open face rated)	>500 (open face rated)	>500 (open face rated)	>500 (open face rated)
Temperature Rating (Water)	-4-60°C, 25-140°F	-4-60°C, 25-140°F	-4-60°C, 25-140°F	-4-60°C, 25-140°F
Temperature Rating (Air)	-40-60°C, -40-140°F	-40-60°C, -40-140°F	-40-60°C, -40-140°F	-40-60°C, -40-140°F
Storage Temperature	-40-60°C, -40-140°F	-40-60°C, -40-140°F	-40-60°C, -40-140°F	-40-60°C, -40-140°F
Connector Body Material	Chloroprene Rubber	Chloroprene Rubber	Chloroprene Rubber	Chloroprene Rubber
Bulkhead Body Material	Brass , Stainless Steel, Titanium, Anodized Aluminum	Brass , Stainless Steel, Titanium, Anodized Aluminum	Brass , Stainless Steel, Titanium, Anodized Aluminum	Brass , Stainless Steel, Titanium, Anodized Aluminum
Contact Pin Material (Male)	Gold Plated Brass UNS - C36000	Gold Plated Brass UNS - C36000	Gold Plated Brass UNS - C36000	Gold Plated Brass UNS - C36000
Socket Material (Female)	Gold Plated Beryllium Copper	Gold Plated Beryllium Copper	Gold Plated Beryllium Copper	Gold Plated Beryllium Copper
Location Pin	Stainless Steel AISI 303	N/A	N/A	N/A
O-Rings	Nitrile	Nitrile	Nitrile	Nitrile
Locking Sleeves	Acetal or Stainless Steel	Acetal or Stainless Steel	Acetal or Stainless Steel	Acetal or Stainless Steel
Inline Cable Wire Size, Insulation, & Jacket Material	18 AWG Chloroprene Rubber	22 AWG, HDPE, PUR	24 AWG, HDPE, PUR, AL Foil Screen, Tin Copper Braid Shield	24 AWG, HDPE, PUR, AL Foil Screen, Tin Copper Braid Shield
Inline Cable Outside Diameter	2 Contact - .340" 3 Contact - .360" 4 Contact - .385"	.365"	.330"	.370"
Bulkhead 7/16 Thread Wire Size & Insulation Material	20 AWG PTFE	22 AWG PTFE	24 AWG, HDPE, PVC	24 AWG, HDPE, PVC
Bulkhead M10 Thread Wire Size & Insulation Material	18 AWG PTFE	22 AWG PTFE	24 AWG, HDPE, PVC	24 AWG, HDPE, PVC

*Specifications are subject to change without notice. Rev. Nov. 1, 2023 | V.002



MICRO WET-TECH CONNECTORS

CONNECTOR DIMENSIONS



CONTACT CONFIGURATIONS

(MALE FACE VIEW)

