



SEACON Ethernet Connectors

High Integrity Ethernet Connector Solutions
for Cat5 and Cat5e Applications

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KEY FEATURES

- HUMMER dry-mate connectors, up to 1Gbps, up to 90m cable length, 10,000 psig (approx. 22,500ft / 7,000m) / 690bar
- Micro WET-CON wet-pluggable connectors, up to 1 Gbps, up to 90m cable length, 10,000 psig (approx. 22,500ft / 7,000m) / 690bar
- MINI-CON dry-mate connectors, up to 1 Gbps, up to 90m cable length, 16,000 psig (approx. 36,000ft / 10,500m) / 1,200bar
- 55 Series dry-mate connectors, up to 1 Gbps, up to 80m cable length, 10,000 psig (approx. 22,500ft / 7,000m) / 690bar
- SEA-MATE wet-mate connectors, up to 1 Gbps, 7,500 psig (approx. 17,300ft / 5,270m) / 690bar
- HydraElectric wet-mate connectors, data transfer speeds at 100 Mbit/s, 5,600 psig (approx. 13,000ft / 4,000m) / 390bar

Description

We offer a wide range of dry-mate and wet-pluggable connectors suitable for Cat5 and Cat5e Ethernet applications. By utilizing already established connector designs, adding new cable solutions and applying specialized termination methods, we've developed a high integrity range of Ethernet cable assembly solutions that allows for high data transmission rates even in harsh environments.

APPLICATIONS

- Any application requiring data transfer

Cat5/Cat5e

- HUMMER
- Micro WET-CON
- MINI-CON
- 55 Series
- SEA-MATE
- HydraElectric

TE Components . . . TE Technology . . . TE Know-how . . .

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SEACON | Rochester | DEUTSCH

Empower Engineers to Solve Problems, Moving the World Forward.



HUMMER Connectors

- Dry-mate connector
- Ultra-miniature connector design
- Bulkhead connector available in brass and stainless steel
- Up to 1 Gbps
- Max cable length: 90m
- 10,000 psig (approx. 22,500ft / 7,000m) mated / 690bar



Micro WET-CON Connectors

- Wet-pluggable connector
- Small, lightweight connector design
- Up to 1 Gbps
- Max cable length: 90m
- 10,000 psig (approx. 22,500ft / 7,000m) mated / 690bar
- Also available as Power Ethernet version



MINI-CON Connectors

- Dry-mate connector
- Small, rugged high density connector
- Up to 1 Gbps
- Max cable length: 90m
- 16,000 psig (approx. 36,000ft / 10,500m) mated / 1,200bar



55 Connectors

- Dry-mate connector
- Suitable for a variety of marine applications including Remotely Operated Vehicles (ROV's)
- Up to 1 Gbps
- Max cable length: 80m
- 10,000 psig (approx. 22,500ft / 7,000m) mated / 690bar



SEA-MATE Connectors

- Wet-pluggable connector
- Interchangeable inserts for greater flexibility
- Up to 1 Gbps
- Max cable length: 90m
- 7,500 psig (approx. 17,300ft / 5,270m) mated and unmated / 690bar

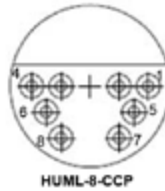
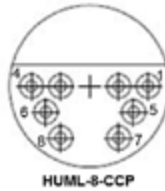
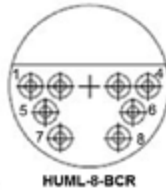
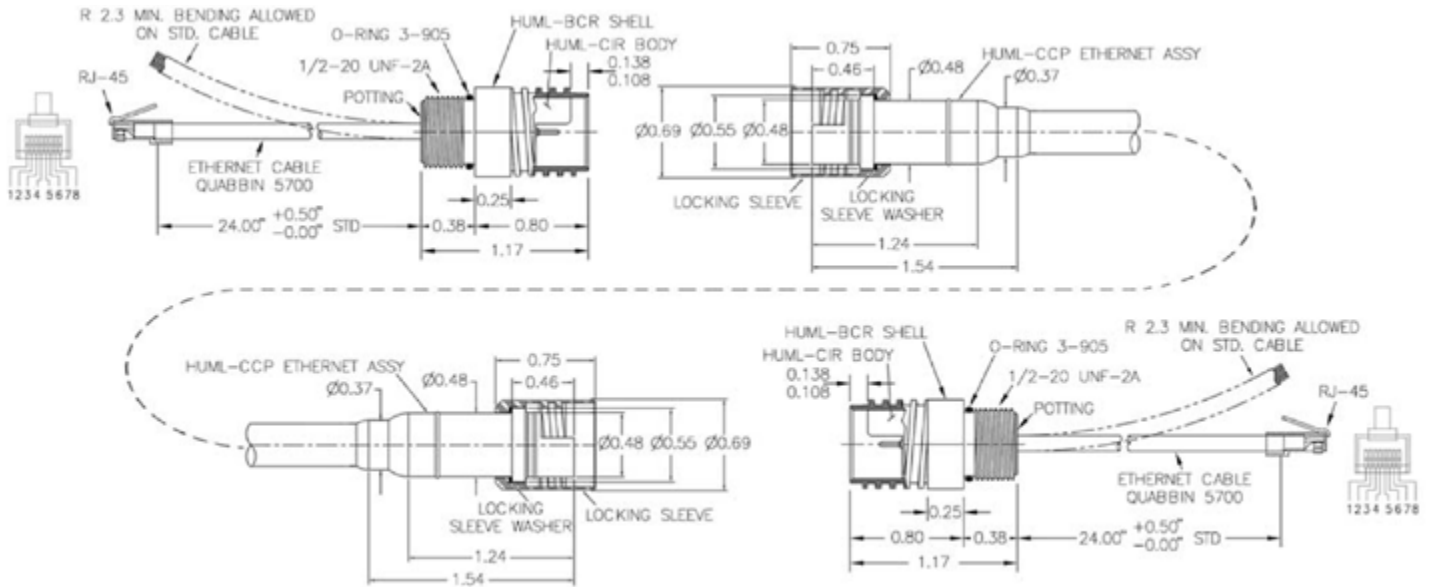


HydraElectric Connectors

- 12 contacts
- Qualified in accordance to SEAFOM TSD-02 / API 17F
- Wet-mate, data transfer speeds 100 Mbits/s
- 5,600 psig (approx. 13,000ft / 4,000m) mated / 390bar
- Qualified for both 1,500 VDC and 1,000 VAC pin to pin

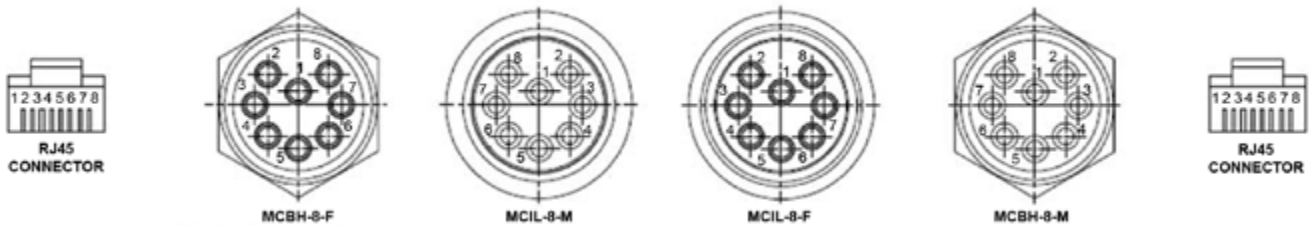
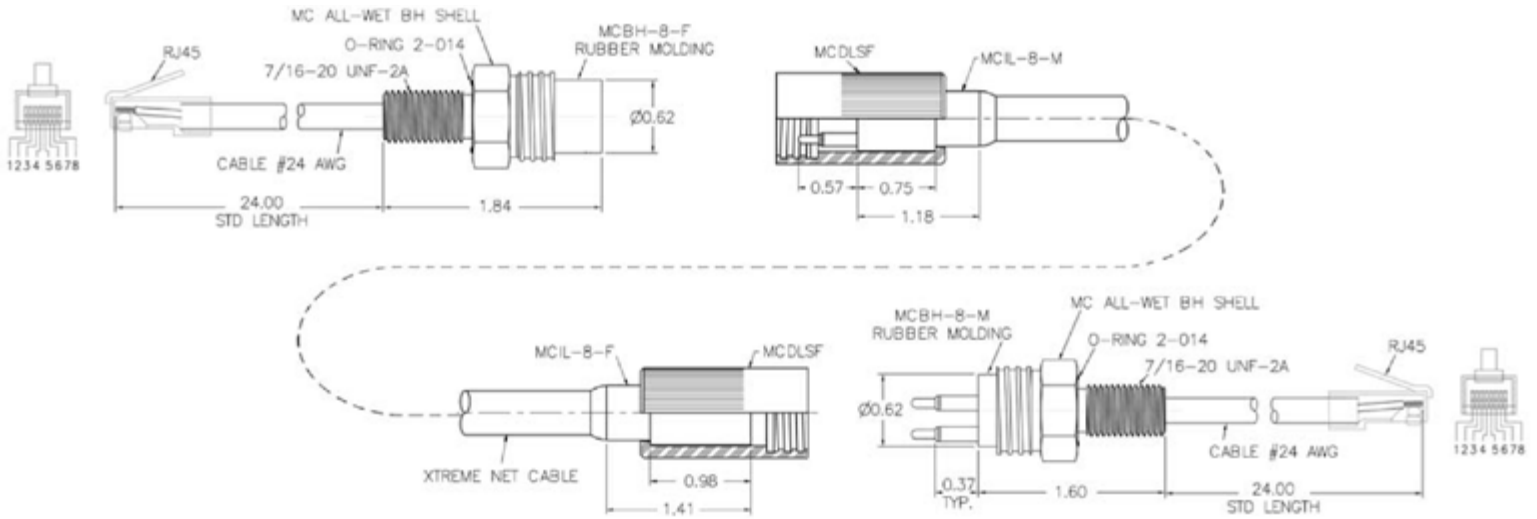


Testing Wiring Cable - HUMMER Connectors





Testing Wiring Cable - Micro WET-CON Connectors



*** Cable-connectors configuration as shown was set to obtain the maximum speed performance capability referenced in this literature. For any other configuration different for the one shown, please contact Product Manager or TE Technical Support.

LET'S CONNECT

We make it easy to connect with our experts and are ready to provide all the support you need. Just call your local support number or visit www.te.com/industrial to chat with a Product Information Specialist.

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