

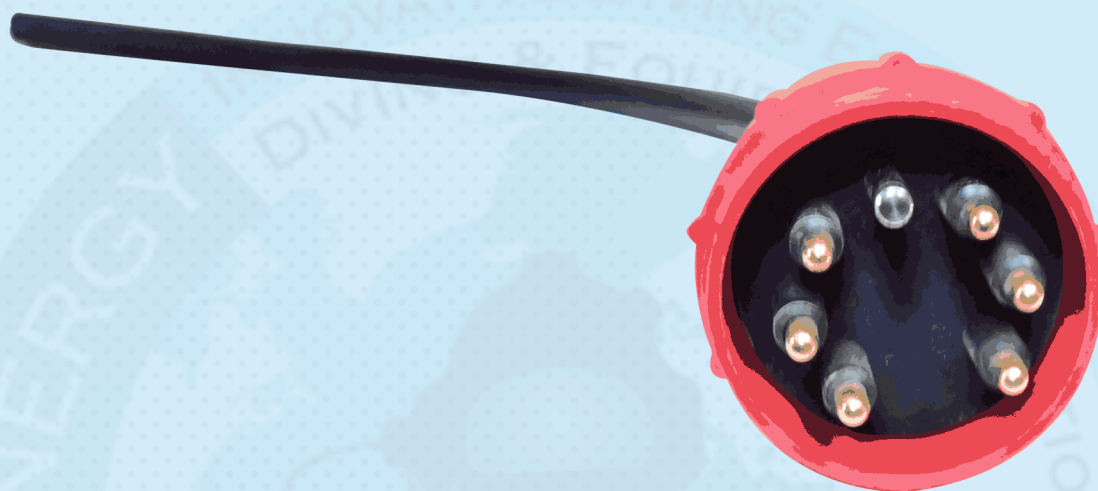


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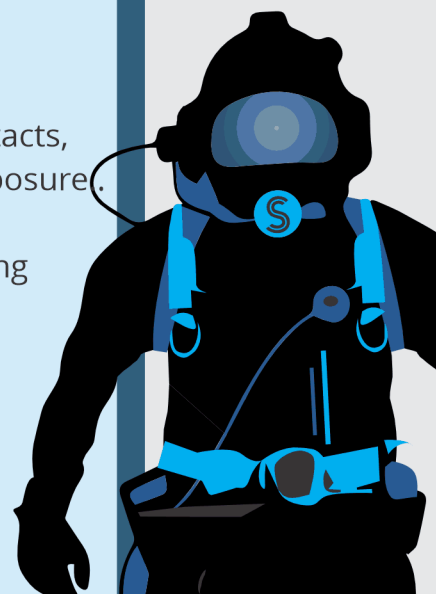
SubConn IL6M - 6-Pin Male Connector

The SubConn® IL6M is a 6-pin male inline wet-mateable connector designed for rugged subsea environments where secure, multi-channel electrical connections are required.

Used in a wide range of marine and underwater applications—including ROVs, AUVs, sonar systems, and subsea sensors—the IL6M enables reliable transmission of signal, control, and low-voltage power.

Constructed with a black polyurethane housing and gold-plated brass contacts, the IL6M offers excellent resistance to corrosion, pressure, and marine exposure.

As a wet-mateable connector, it allows for underwater mating and unmating while maintaining full sealing integrity and performance.





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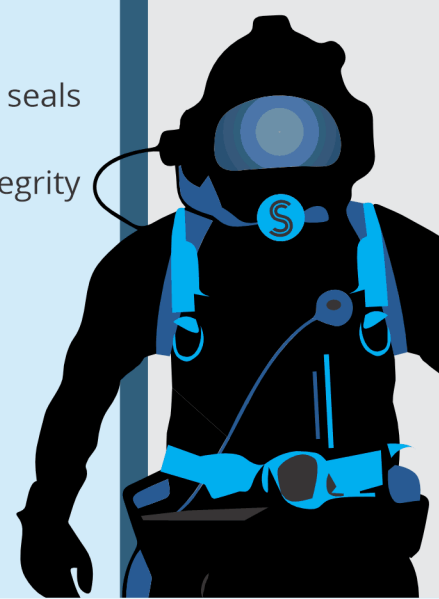
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Technical	Specifications:
Series	SubConn® IL Series
Model	IL6M (or MCIL6M for bulkhead-style)
Connector Type	Inline Circular Connector, Female (Socket Contacts)
Number of Contacts	6
Gender	Male
Contact Material	Brass, Gold-Plated
Body Material	Polyurethane (Black)
Cable Termination	Pigtail or Overmolded Cable (length per application)
Mating Interface	Compatible with IL6F / MCIL6F (Female connectors)
Operating Depth	600 meters standard (deeper ratings available)
Voltage Rating	Up to 300 V DC
Current Rating	Up to 5 A per contact
Ingress Protection	IP68 / Fully Submersible / Wet-Mateable
Operating Temp.	-20°C to +60°C
Contact Layout	Circular 6-socket configuration
Applications	ROVs, Subsea Cameras, Lights, Sensors, AUVs, Comms

Key Features

- › **6 socket male** connector for signal, control, or low-voltage power applications
- › Wet-mateable design allows underwater mating without compromising seals
- › Gold-plated contacts ensure high conductivity and corrosion resistance
- › Tough polyurethane body provides mechanical strength and sealing integrity
- › Mates with **IL6F / MCIL6F** SubConn® male connectors
- › Ideal for underwater video, sonar, sensors, and multi-channel subsea systems





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SubConn® IL6M – 6-Pin Male Wet-Mateable Connector (Inline)

Contact us



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