



SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

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SubConn® IL5F – 5-Pin Female Wet-Mateable Connector (Inline)



SubConn IL5F - 5-Pin Female Connector

The SubConn® IL5F is a 5-pin female inline wet-mateable connector, designed for reliable electrical connections in harsh underwater environments.

Commonly used in subsea cameras, diver communications, sensors, and oceanographic instruments, the IL5F ensures stable signal and power delivery even in fully submerged operations.

With a rugged polyurethane body and corrosion-resistant, gold-plated brass contacts, this connector maintains integrity under pressure, saltwater exposure, and repeated mating cycles.

As part of the SubConn® wet-mateable series, the IL5F allows for direct underwater connection and disconnection without compromising environmental sealing or performance.





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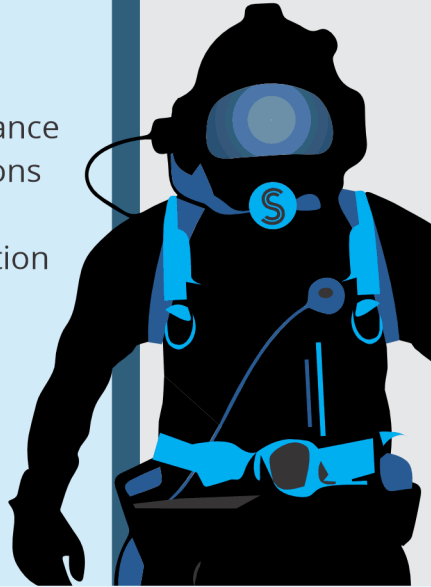
SubConn® IL5F – 5-Pin Female Wet-Mateable Connector (Inline)



Technical	Specifications:
Series	SubConn® IL Series
Model	IL5F (or MCIL5F for bulkhead-style)
Connector Type	Inline Circular Connector, Female (Socket Contacts)
Number of Contacts	5
Gender	Female
Contact Material	Brass, Gold-Plated
Body Material	Polyurethane (Black)
Cable Termination	Pigtail or Overmolded Cable (length per application)
Mating Interface	Compatible with IL5M / MCIL5M (male 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 5-socket configuration
Applications	Subsea Cameras, Diver Comms, Sensors, Lighting, AUVs

Key Features

- › **5-socket female** connector for subsea signal and low-voltage power connections
- › Wet-mateable design ensures sealed, secure mating underwater
- › Gold-plated contacts provide superior conductivity and corrosion resistance
- › Durable polyurethane housing withstands pressure and marine conditions
- › Interfaces with **IL5M / MCIL5M** SubConn® male connectors
- › Ideal for underwater communications, sensors, video, and instrumentation systems





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Contact us



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