



# SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

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## SubConn IL-4F 4-Pin Female

The SubConn IL-4F is a 4-pin female inline wet-mateable connector from Seacon's SubConn® series, designed specifically for underwater and harsh environment connectivity.

Commonly used for ROVs, subsea cameras, sonar, and instrumentation, the IL-5F offers reliable electrical performance while submerged, ensuring uninterrupted video or data transmission.

With a compact inline form factor and a rugged polyurethane body, this connector is depth-rated, corrosion-resistant, and built for repeated wet-mate operations in shallow and deepwater deployments.

Its gold-plated contacts ensure optimal signal conductivity and resistance to marine corrosion.





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## SubConn IL-4F – 4-Pin Female Wet-Mateable Camera Connector

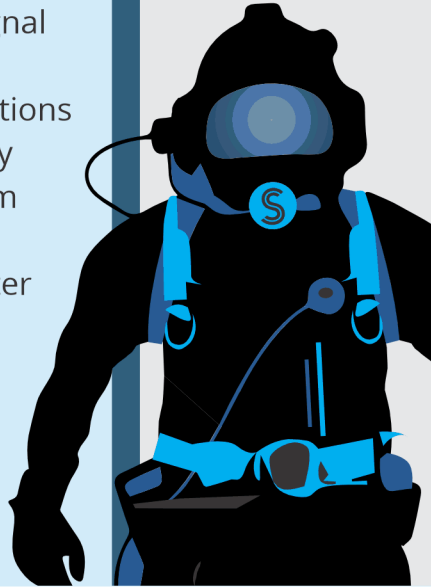


Technical	Specifications:
Series	SubConn® IL Series
Model	IL-5F
Connector Type	Inline Female (Socket)
Number of Contacts	4
Gender	Female (Socket Contacts)
Contact Material	Brass, Gold-Plated
Body Material	Polyurethane (Black)
Cable Termination	Overmolded / Pigtail
Mating Interface	Mates with SubConn IL-5M or compatible 4-pin male connectors
Contact Configuration	Standard 5-contact shell, 4 used (1 unused or reserved)
Operating Depth	Up to 600 meters (standard); deeper on request
Operating Voltage	Typically 300 V DC (depends on configuration)
Current Rating	Up to 5 A per contact
Ingress Protection	Wet-mateable / fully submersible
Temperature Range	-20°C to +60°C (typical underwater rating)
Applications	Subsea Cameras, ROVs, AUVs, Oceanographic Instruments, Marine Sensors



### Key Features

- › **4-pin female wet-mateable inline connector** for subsea video and signal transmission
- › **Designed for camera and instrumentation use** in submerged applications
- › **Gold-plated contacts** for superior corrosion resistance and conductivity
- › **Polyurethane housing** ensures durability under pressure and long-term immersion
- › **Wet-mate capable** for quick connections and disconnections underwater
- › Compatible with **SubConn IL-5M (male)** and other industry-standard interfaces





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## SubConn IL-4F – 4-Pin Female Wet-Mateable Camera Connector

### Contact us



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