



# SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

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## 17-Pin Straight Connector, Female - Amphenol

The 17-Pin Amphenol-Style Straight Connector (Female) is designed to provide reliable, high-density connectivity in demanding environments. With 17 gold-plated socket contacts arranged in a circular layout, it ensures excellent signal integrity and corrosion resistance for data, signal, or low-power transmission.

The straight inline configuration supports versatile mounting in panels, enclosures, and instrumentation housings, offering clean cable routing in horizontal or vertical installations.

Its threaded coupling mechanism guarantees a secure, vibration-resistant interface, even in extreme marine, military, or industrial environments.

Fully compatible with Amphenol-style 17-pin male connectors, this female connector is ideal for applications that require rugged performance, dependable mating cycles, and multi-signal handling within a compact circular footprint.





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Technical	Specifications:
Connector Type	17-Pin Circular, Female, Straight
Orientation	In-line / Straight
Shell Material	Hard-Anodized Aluminum or Marine-Grade Brass
Shell Finish	Corrosion-Resistant Coating (Anodized or Nickel-Plated)
Contact Type	Socket Contacts (Female)
Contact Material	Precision-Machined Brass, Hard Gold-Plated
Insulator	High-Density Thermoplastic
Coupling Mechanism	Threaded (Amphenol-style)
Voltage Rating	Up to 600 V DC
Current Rating	Up to 3 A per Contact
Ingress Protection	IP68 (when properly mated and sealed)
Operating Temperature	-40°C to +85°C
Mating Interface	Compatible with 17-pin Amphenol-style male connectors
Mounting Style	Cable or Panel (depending on assembly)
Applications	Subsea Systems, ROVs, Aerospace, Surveillance Equipment, Military Electronics, Industrial Automation





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### Contact us



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AN ISO 14001:2015 EMS CERTIFIED COMPANY

