



SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

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8-Pin Straight Connector, Female - Amphenol



8-Pin Straight Connector, Female - Amphenol-Compatible

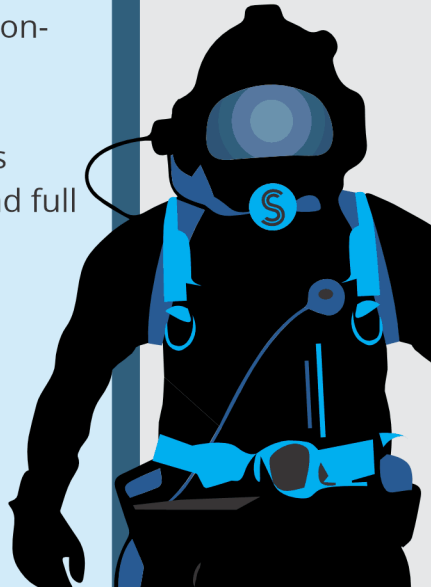
The 8-Pin Amphenol-Style Straight Connector (Female) is engineered for high-integrity, multi-signal or low-voltage power transmission in rugged and space conscious environments.

Designed with a straight, in-line configuration, this female connector features socket-style contacts that mate securely with standard 8-pin Amphenol-compatible male plugs.

Its gold-plated brass contacts ensure consistent conductivity and long-term corrosion resistance, while the threaded coupling system provides a vibration-resistant, secure connection even in high-stress mechanical settings.

Suitable for marine, aerospace, military, and industrial control systems, this connector offers durable construction, environmental sealing capability, and full compatibility with industry-standard circular multi-pin systems.

Ideal for use in junction boxes, instrument panels, or sealed enclosures, it provides reliable performance in applications requiring compact, high-durability interconnects.





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Technical	Specifications:
Connector Type	8-Pin Circular, Female, Straight
Orientation	In-line / Straight
Gender	Female (Socket Contacts)
Shell Material	Hard-Anodized Aluminum or Marine-Grade Brass
Shell Finish	Corrosion-Resistant Coating (Anodized or Nickel-Plated)
Contact Material	Precision-Machined Brass, Gold-Plated
Insulator	High-Density Thermoplastic
Coupling Mechanism	Threaded (Amphenol-style)
Voltage Rating	Up to 600 Volts DC
Current Rating	Up to 5 Amps per Contact
Ingress Protection	IP68 (when properly mated with a sealed plug)
Operating Temperature	-40°C to +85°C
Mating Interface	Compatible with 8-pin Amphenol-style male plugs
Applications	Marine Control Panels, ROV Systems, Aerospace Interfaces, Signal Transfer, Industrial Automation





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Contact us



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