



SUCCESS STORY

Filtered D-Sub Connectors for Helicopter Engine Controls

High performance EMI Filtered d-sub connectors keep military engine controls running safely

Military helicopters are equipped with computer-managed aircraft ignition and engine control systems that command all aspects of engine performance. An electronic engine controller continuously monitors the strength of its inputs, internal hardware functions, and external driver circuits. Spectrum Control's EMI filtered d-sub connectors safeguard these systems from RF interference and ensure the functions of the system continue to operate accurately and safely.

Why the Military Selects Spectrum Control's EMI Filters

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Flight deck instruments and controls, pilot communications, and navigation equipment are all susceptible to EMI in military helicopters. Spectrum Control's EMI filters protect against these.

Spectrum Control offers rugged parts built with a die cast shell and have solder construction for service in harsh environments with vibration. These connectors help improve performance and safe operation, save board space, and reduce costs by managing EMI at the signal and power I/O.

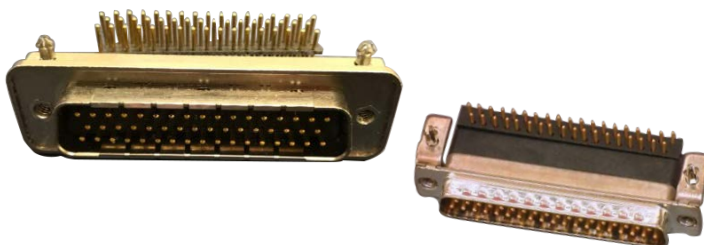


Helicopter pilots also rely on electronics for classified communications

Core Differentiator: Highest Performance

Incorporating Spectrum Control's filtered d-sub connectors enable high-performance with superior quality and efficiency. These connector offerings are fully integrated. Plus, the ceramic capacitors incorporated into these parts are manufactured in the USA at our State College, PA facility. This provides our customers with high-quality designs at competitive prices, and with the industry's shortest lead times. Features include:

- Variety of terminal configurations including right angle and straight PCB for both pin socket contact and as an adapter
- Capacitive and Pi type filters with a full range of capacitance values
- Available in 9, 15, 25, 37, and 50 shell sizes
- Fully RoHS compliant versions available



Military helicopters incorporate Spectrum Control's several versions of Series 700 high-performance d-sub connectors.