

Amphenol PCD's MIL-DTL-28840 Connectors

Built for Evolving Military Technologies

Modern systems require connectors tested to withstand extreme environmental conditions and demanding applications.

Amphenol's MIL-DTL-28840-qualified connectors meet these challenges with proven durability.



Decision Factor	Why the M28840?
• Application Type	Designed for Navy shipboard, surface craft, and submarines.
• Connector Specifications	MIL-DTL-28840 qualified with high-density, scoop-proof contact arrangements and EMI/RFI shielding.
• Mechanical Shock Resistance	Certified to MIL-S-901 Grade A for shock resistance in extreme conditions.
• Environmental Durability	Operates in -55°C to +200°C, withstands immersion (EIA-364-09), and resists saltwater, humidity, and vibration.
• Electrical Performance	Handles up to 7.5A with 20 AWG wire and 5A with 22 AWG wire.
• Connector Density	Available in multiple pin configurations with standard crimp contacts supporting 20-32 AWG wire sizes.
• Backshell & Cable Management	Splined backshell interface provides strain relief and secures heavy cables for EMI protection.



Supplier Evaluation

- **Immediately Available**
 - Powell stocks MIL-DTL-28840 connectors, ready for same-day shipment to avoid project delays.
- **Cost-Effective Procurement**
 - Bulk inventory reduces lead times and logistics costs.
- **Reliable Supply Chain**
 - Guaranteed long-term availability for ongoing defense and aerospace needs.

Learn More → Visit: [Amphenol PCD's M28840 Shipboard Connectors page](#).

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