

Because the Art of Interconnect Cable Design Calls for More Technology Than Just a Connector

Backshells: A Part of Every Well-Designed Cable Harness and Assembly

Glenair understands that the management of EMI, environmental damage and mechanical stress factors in high-reliability cable assemblies usually requires the incorporation of various connector backshells and accessories. We offer thousands of EMI management products, cable-sealing backshells, protective covers, strain-relief devices and other essential accessories. In this section of the book we've organized a small selection of some of the most practical devices used in Mil-Aero cabling. We've chosen the most popular and useful products for assemblies built around the D38999 family.

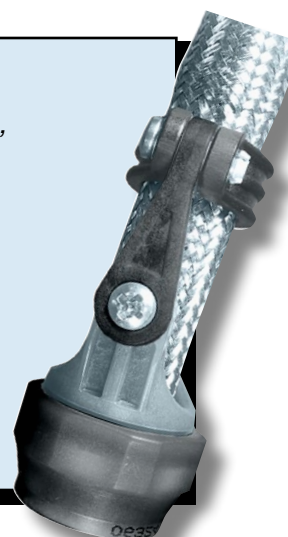
could include both a suitable EMI filtering device but also an appropriate selection of accessories such as shield termination backshells, EMI gaskets and conductive shielding.

For environmental protection, Glenair offers both standard shrink-boot products as well as more robust cable-sealing backshells and protective covers. For mechanical protection we offer a broad range of strain-relief backshells to prevent damage to the conductor-to-contact interface. Whatever your requirement, Glenair has both the connectors, and the accessories, to put

Glenair is the world's largest supplier of EMI Shielding backshells, cable sealing backshells and strain-relief devices. Over 65,000 part numbers are in stock and ready for same-day shipment

This section includes just a small selection of the most practical connector accessories designed for use on D38999 connectors

Glenair offers both AS85049 QPL solutions as well as a broad selection of commercial designs for every electrical, mechanical and environmental requirement.



For example, effective shielding of avionic devices equipped with D38999 signal connectors must anticipate both "radiated susceptibility" (the degree to which outside interference affects the reliable functioning of equipment) and "radiated emissions" (the extent to which the device itself creates electromagnetic waves which can affect its function). In both cases, managing the interference

together a finished cable design that meets all the requirements of your application.

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