



Product Selection Guide: Rectangular Connector Accessories

Rectangular Backshell Selection Guide

Rectangular connector accessories offer users of rack and panel connectors the same range of connector and cable protection available for standard circular interconnects—strain relief, EMI shielding, environmental protection and so on. Glenair's Rectangular Connector Backshells and Accessories catalog presents hundreds of our most popular designs, organized by connector product family and connector manufacturer.



D-Subminiature MIL-C-24308: Glenair's Series 55 line of connector accessories for MIL-C-24308 connectors feature total enclosure of the mated plug and receptacle connectors for optimum EMI Shielding.

A variety of cable/harness shield terminations are offered for overall shields and/or individual shielded complexes. Optional conductive EMI gaskets are available for installation under the receptacle connector flange. Three cable entry locations are offered. A straight "top" cable entry and two 90° "end" and "side" entries. Split backshell designs provide easy assembly and convenient access for maintenance.



MIL-C-81659: Glenair manufactures a full-spectrum line of rectangular backshells for MIL-C-81659 connectors. Built from light-weight aluminum alloy and available in a wide range of finishes, our MIL-C-81659 backshells provide robust EMI and environmental protection.

Solid and split-shell designs are available for cable strain-relief and EMI shield termination. Top and side cable entry configurations provide flexibility in contact termination.



Micro-D MIL-DTL-83513: Glenair's extensive Micro-D backshell offering includes EMI banding shells, switching shells, potting shells and protective covers.

EMI bands and installation tools are sold separately. Most designs are available in up to six standard finishes. Backshells are available for all standard M83513 metal shell connectors.



MIL-C-83527: The Glenair 527-002 series backshell is designed for use with MIL-C-83527/1 connectors. Eight

cable entry points are available on the backshell's side, ends and top (a maximum of three entry combinations may be selected). Made from rugged aluminum alloy, the backshell is available in a full range of standard finishes. Consult factory for custom finish options. Backshell hardware is passivated stainless steel. Each unit ships with an RFI gasket.



MIL-C-83733: Glenair's split backshells for MIL-C-83733 connectors are available in three designs which offer either a standard cable clamp, saddle-bar style strain-relief, or an EMI shield banding platform. Tongue and groove joints provide optimal EMC. Customers may choose from up to six cable entry locations. Backshell bodies are made from aluminum alloy with passivated stainless steel hardware. A full range of standard finishes are available, including custom options.



ARINC Series 400 and 600: Glenair has a full line of RFI/EMI backshells for ARINC Series 400 and 600 connectors. Backshells in the ARINC 400 Series include

Cannon DPKA, DPXB, DPJM, DPXA and DPX3. In the 600 Series we stock backshells for the complete range of Size 1, 2 and 3 ARINC 600 connectors. Every functional requirement—from overall and individual shield termination to basic saddle-bar style strain relief is available. The light-weight aluminum alloy backshells are supplied in all common finishes and cable entry configurations.



Hypertronics: Glenair backshells and protective covers for Hypertronics connectors protect critical terminations from mechanical damage. A full range of plating options are available as are custom finishes in both top and 45° cable entries.