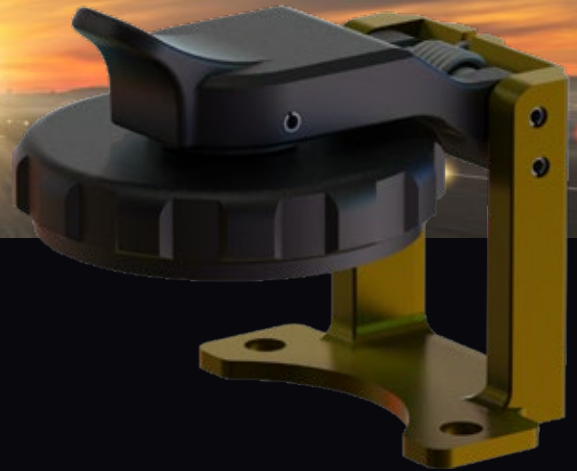
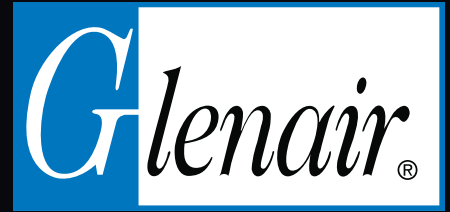


MISSION-CRITICAL
INTERCONNECT
SOLUTIONS



Glenair
SIGNATURE SERIES

ProSeal Protective Covers / Accessories

Signature Interconnect Solutions for Commercial Aircraft

ADVANCED
PERFORMANCE
CONNECTOR
ACCESSORIES



IP67 and IP56 rated
for mission-critical
mil-aero applications



High-performance military and commercial interconnect applications employ protective covers to seal unmated receptacles from sand, dust, and moisture ingress, as well as other forms of environmental and mechanical damage. ProSeal protective covers are mounted directly to panels and electronic equipment housings to enhance the reliability and consistent use of connector covers. Spring-action equipped ProSeal covers are available for every military QPL and Glenair signature connector series, and are supplied in a broad range of designs to meet every application requirement.

- Anti-vibration and shock spring-action solution
- IP67 (dust / immersion) and IP56 (dust / water jet) ingress protected designs
- Self-aligning environmental seals
- Lock in open position or automatic closure
- Compatible with a broad range of military standard and commercial connectors including D38999 Series I, II, III, Mighty Mouse Series 801, 804, 805, and 806, MIL-DTL-24308 and more



IP67 AND IP56 RATED

ProSeal spring-action protective covers for mission-critical mil-aero applications



ROBUST ENVIRONMENTAL SEALING



Self-aligning gimbal-action
face seal



Anti-vibration and shock
spring-action performance



Full environmental
threaded / twist-lock seal

RUGGED MECHANICAL PERFORMANCE



Dual-action mechanism: cover locks in open
position and holds tight in closed position



ProSeal cover shares connector
mounting holes and hardware



Jam nut and wall mount configurations
available in all styles

VERSATILITY OF DESIGN



Suitable for all circular designs including
commercial USB / RJ45 interfaces



Rectangular connector designs with
convenient thumb tabs



Low-profile non-locking designs for use
with recessed quick-disconnect connectors

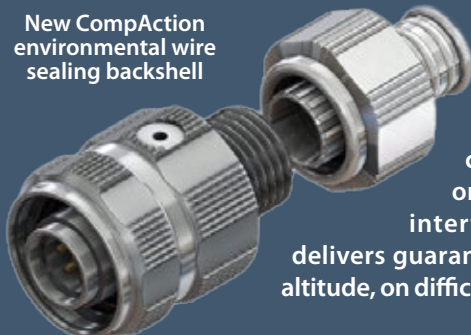
ADVANCED
PERFORMANCE
WIRE MANAGEMENT
SOLUTIONS

Industry-leading backshell and accessory designs for weight reduction, reduced cost-of-ownership, and increased reliability



Innovative solutions to EWIS environmental sealing, wire management, strain relief, and EMC shield termination

Glenair is the go-to design partner for innovative solutions to electrical wire interconnect system problems in airframe applications. Our backshell and connector accessory design engineers are responsible for more problem-solving innovation in our industry than every other connector accessory supplier combined. Take our new CompAction connector accessory design (shown left on a Series 806 Mighty Mouse). The splined interface and unique compression grommet delivers guaranteed environmental sealing, even at high altitude, on difficult-to-seal asymmetrical twisted-pair wiring.



GLENAIR: MASTERS OF THE BACKSHELL UNIVERSE

- High-performance circular connector accessories for every environmental, mechanical and electromagnetic shielding requirements
- Tens of thousands of innovative part numbers in inventory ready for same-day shipment
- Fast turnaround on made-to-order accessories, typically only two to three weeks
- Constant, relentless backshell innovation

Unique, problem-solving backshells and connector accessories for aerospace applications

HIGH-TEMP, LIGHTWEIGHT COMPOSITE THERMOPLASTIC ACCESSORIES



Split-shell and snap-lock banding backshells

Connector coupling ring safety sleeve for F/O applications

Piggyback boot Band-in-a-Can

Drop-in EMI/RFI shield termination configurations

PRESSURE BOUNDARY, FIREWALL, AND SPLIT-SHELL FEED-THRU



Pressure boundary composite feed-thru

Firewall pressure boundary feed-thru

EMI/RFI split-shell metal feed-thru

- High-grade engineering thermoplastic or machined metal
- Six pressure-boundary feed-thru layouts with accommodation for 1 – 6 cables
- Split-shell jam nut versions with EMI/RFI shield termination porch
- O-ring sealed panel and box mounting interface

INNOVATIVE NEW EWIS TECHNOLOGIES 2020



Dummy stowage shorting plugs and receptacles

Self-locking protective covers

Advanced "Dogbone" terminal blocks and hoods



MIL-DTL-38999 SAV-CON® Connector saver go-between with Micro-D diagnostic test port



Environmental panel cut-out sealing plug assembly



Heat shrink boot / wire routing clamp assembly

ADVANCED
PERFORMANCE
WIRE MANAGEMENT
SOLUTIONS

Innovative Rectangular Backshells and Connector Accessories



Proven-performance backshells and accessories for rectangular connectors

Glenair offers more tested and tooled rectangular interconnect products—including the world's broadest range of rectangular backshells—than any other supplier in the industry. Simply put, from the smallest Micro-D subminiature to the largest ARINC 600, Glenair has an unparalleled range of solutions. Need something light and corrosion free? Glenair is the industry leader in tooled composite thermoplastic connector accessories.

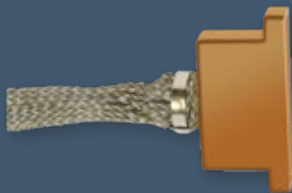
- All forms of environmental, mechanical and EMC backshells
- Straight, 45° and 90° cable routing
- High-temp composite thermoplastic and metal shell versions
- To fit all current and legacy rectangular connectors
- Innovative split-shell versions for easy access to wire terminations
- Equally large range of protective covers and caps
- Thousands of part numbers in stock and ready for immediate shipment



QWIKSNAP™

Glenair has developed an extensive range of lightweight Split-Shell backshells that completely eliminate assembly hardware in rectangular backshells. The Glenair QwikSnap™ series utilizes innovative composite spring latch technology to reduce weight, FOD, and accelerate assembly.

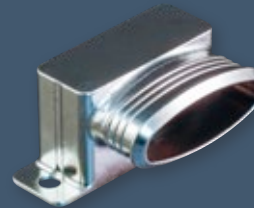
MICRO-D AND NANOMINIATURE BACKSHELLS AND CONNECTOR ACCESSORIES



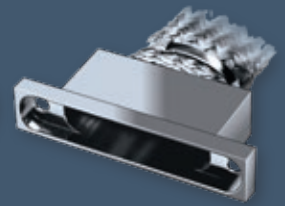
Composite Micro-D banding backshell



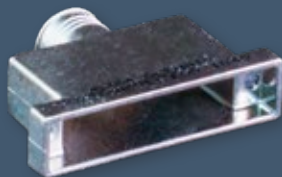
Plastic caps and covers for safe connector shipment and storage



Micro-D backshell with elliptical banding platform



Metal Micro-D banding backshell



Split-shell backshell



Environmental protective covers for Micro-D connectors



Conductive rubber covers

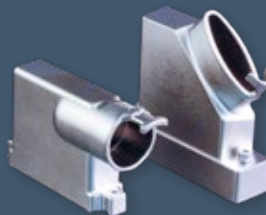
M24308 D-SUB SOLUTIONS: HIGH PERFORMANCE, RUGGEDIZED D-SUBMINIATURE PRODUCTS



Split-shell D-subminiature composite backshell



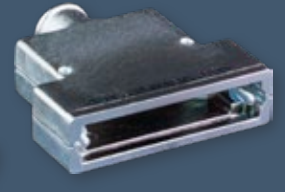
Split-shell M24308 composite backshell



Composite D-subminiature backshells



Flex-D Composite M24308 Backshell



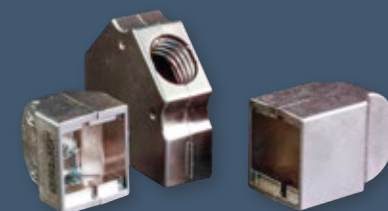
M24308 EMI/RFI backshell

LARGER FORM FACTOR RECTANGULAR BACKSHELLS

EPX® and EPXB® are registered trademarks of Radiall



Composite EMI/RFI banding backshell for EPXB® connectors



Composite EN4165 fiber optic/electrical backshells



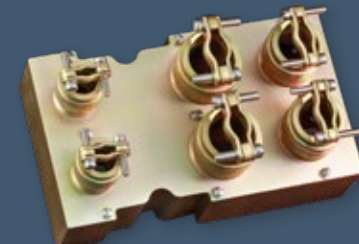
Backshells for EPX® series connectors



ARINC series backshells



Composite airframe banding backshell



ARINC series backshell with individual wire bundle strain relief



MIL-C-81659



Special Quadrax connector backshell



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