

MISSION-CRITICAL
INTERCONNECT
SOLUTIONS



Glennair
SIGNATURE SERIES

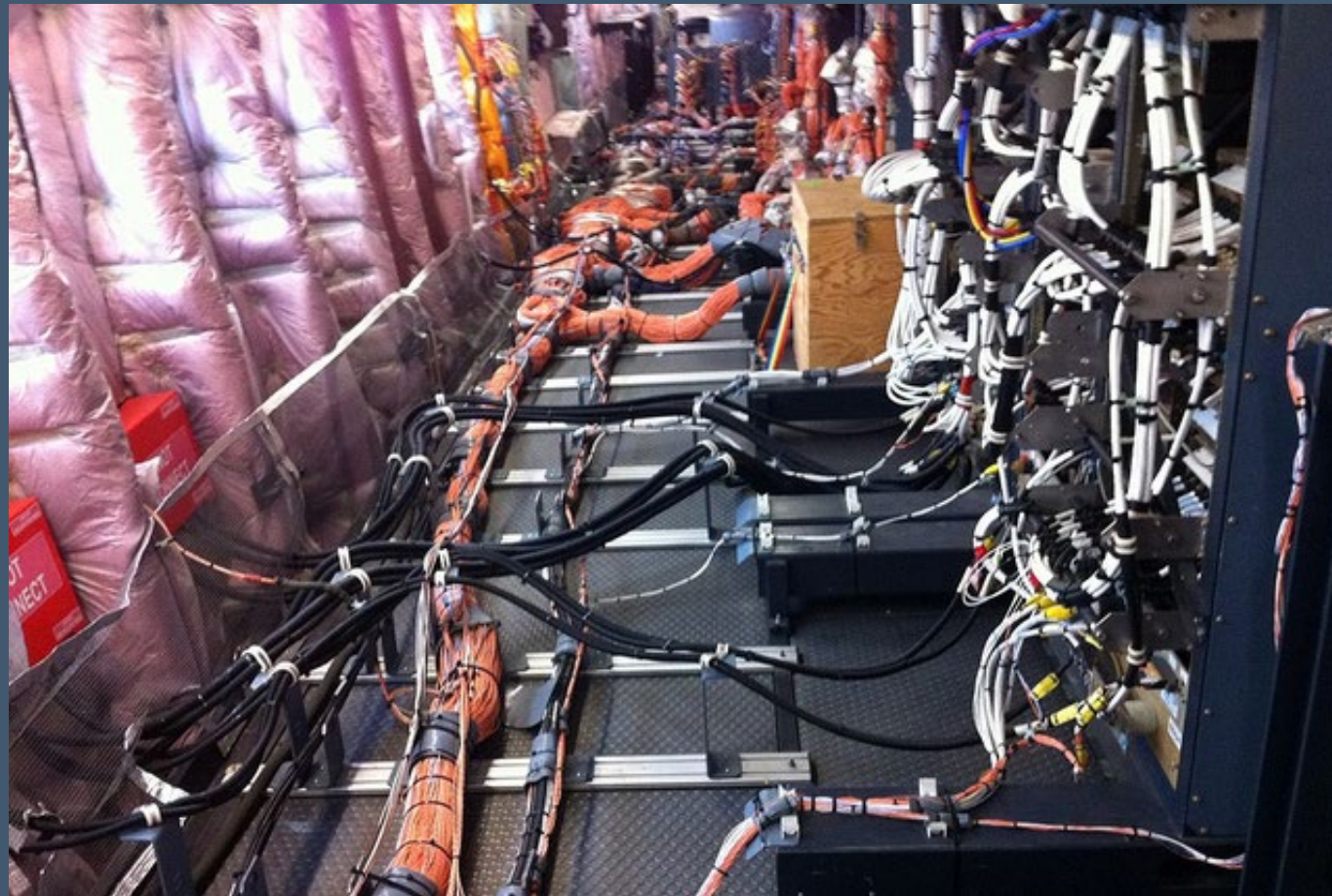
Backshells, Feed-Thrus, and Wire Management

Signature Interconnect Solutions for Commercial Aircraft

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



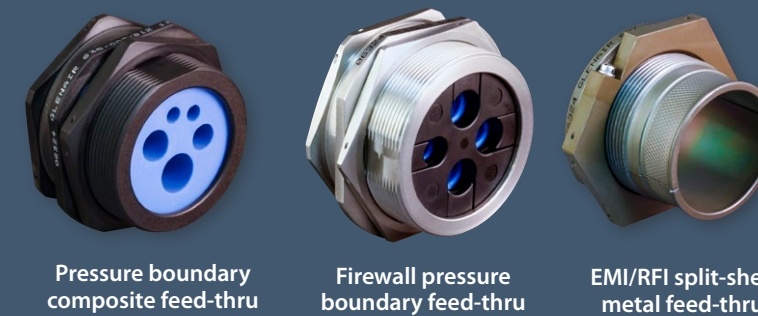
Unique, problem-solving backshells and connector accessories for aerospace applications



HIGH-TEMP, LIGHTWEIGHT COMPOSITE THERMOPLASTIC ACCESSORIES



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



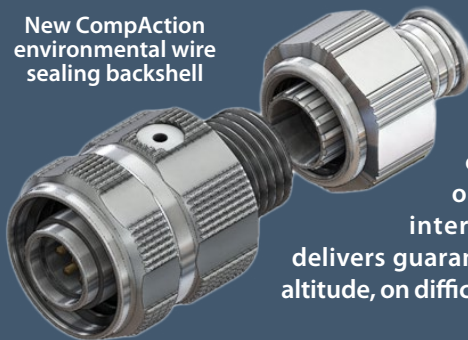
- High-grade engineering thermoplastic or machined metal
- Six pressure-boundary feed-thru layouts with accommodation for 1 – 6 cables
- Split-shell jam nut versions with EMI/RFI shield termination porch
- O-ring sealed panel and box mounting interface

INNOVATIVE NEW EWIS TECHNOLOGIES 2020



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

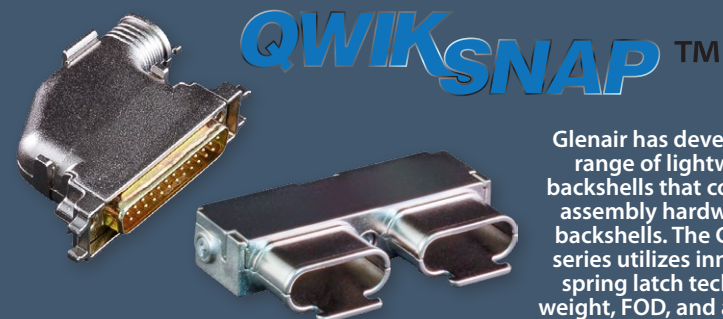
Innovative Rectangular Backshells and Connector Accessories



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



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.

METAL AND COMPOSITE Rectangular backshells and accessories

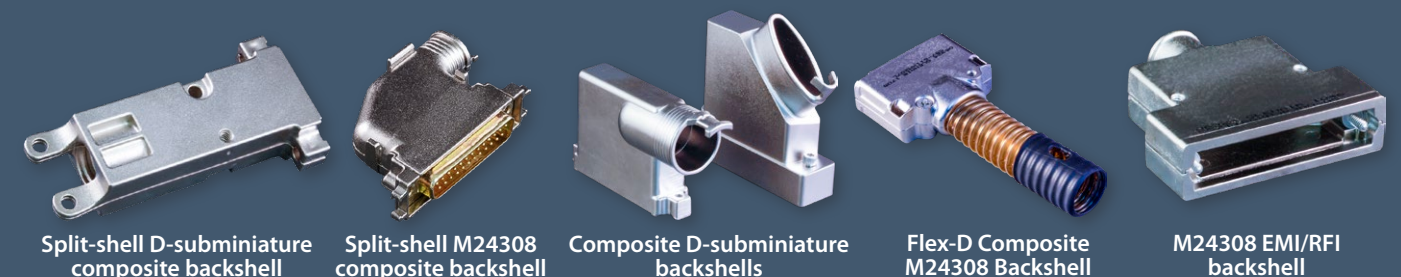
The world's largest *tooled* selection



MICRO-D AND NANOMINIATURE BACKSHELLS AND CONNECTOR ACCESSORIES

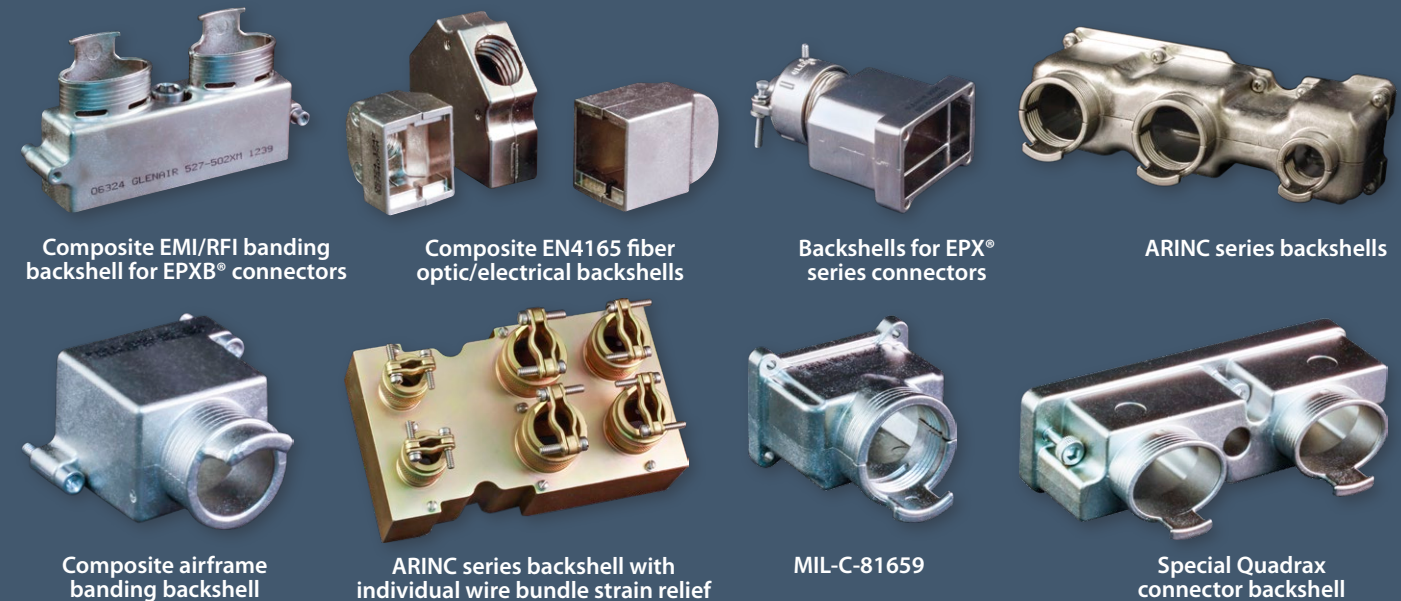


M24308 D-SUB SOLUTIONS: HIGH PERFORMANCE, RUGGEDIZED D-SUBMINIATURE PRODUCTS



LARGER FORM FACTOR RECTANGULAR BACKSHELLS

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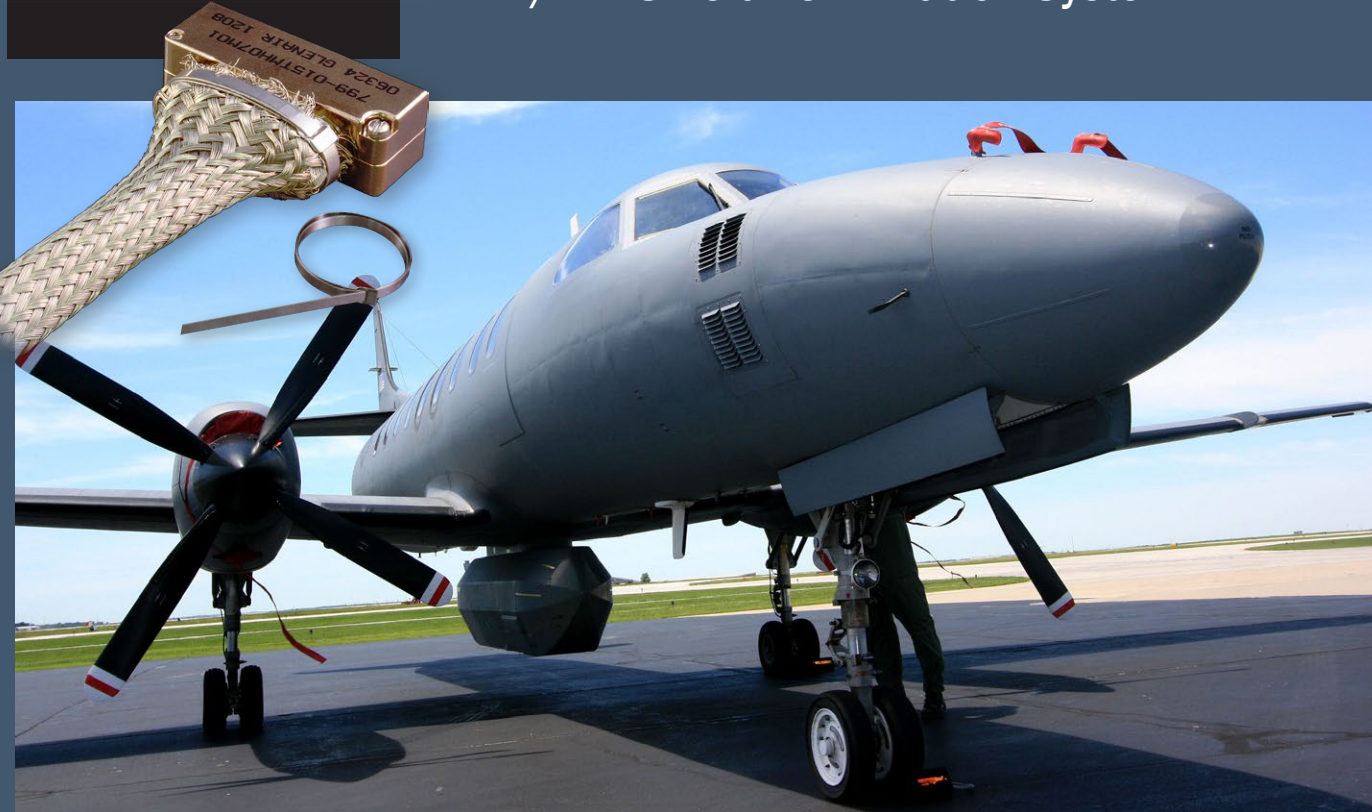
Band-Master ATS®

EMI/RFI Shield Termination System

BAND-MASTER ATS® EMI/RFI Shield Termination System



The advanced termination system
for interconnect cable shielding



Quick, easy, cost-effective and highly reliable termination of braided metallic shielding or fabric braid to connectors and backshells

Band-Master ATS® is the advanced termination system for interconnect cable shielding. The unique low profile and smooth inside diameter of the one-piece type 304 austenitic stainless steel clamping band virtually eliminates RFI/EMI/EMP leakage paths. The lock maintains constant tension under extreme environmental conditions. Band-Master ATS® bands have passed severe shock, vibration and thermal cycle testing with negligible deterioration of shell conductivity and have been approved and added to the specifications for the world's largest aircraft manufacturers.

- Precision hand-held tools and termination bands—both from a single supplier
- Innovative Slim Standard and Nano bands reduce weight and improve safety (no buckle cuts)
- Clamp both small and large diameters easily and reliably

BAND-MASTER ATS® ADVANCED TERMINATION SYSTEM



Easy-to-use manual tools with built-in calibration counter



High-volume pneumatic tool for bench use



Save time and tool maintenance costs with the Glenair band tool calibration system

Band-Master ATS® Manual Tool Selection	
	<p>601-100 Hand Tool for Standard Bands</p> <p>The 601-100 Standard Band-Master ATS® Tool weighs 1.18 lbs., and is designed for standard .24" width clamping bands in a tension range from 100 to 180 lbs. Calibrate at 150 lbs. ± 5 lbs. for most shield terminations. Tool and band should never be lubricated.</p>
	<p>601-109 Hand Tool for Slim Standard Bands</p> <p>The 601-109 Slim Standard Band-Master ATS® Tool weighs 1.2 lbs., and is designed for slim standard .24" width clamping bands in a tension range from 50 to 100 lbs. Calibrate at 100 lbs. ± 5 lbs. for most shield terminations. Tool and band should never be lubricated.</p>
	<p>NEW 601-122 Hand Tool for Micro Slim Bands</p> <p>The 601-122 Micro Slim Band-Master ATS® Tool weighs 1.2 lbs., and is designed for micro slim .125" width clamping bands in a tension range from 50 to 100 lbs. Calibrate at 82 lbs. ± 3 lbs. for most shield terminations. Tool and band should never be lubricated. <i>Consult factory for band weights and performance specifications.</i></p>
	<p>601-101 Hand Tool for Micro Bands</p> <p>The 601-101 Micro Band-Master ATS® Tool weighs 1.18 lbs., and is designed for micro .120" width clamping bands in a tension range from 50 to 85 lbs. Calibrate at 80 lbs ± 5 lbs. for most shield terminations. Tool and band should never be lubricated.</p>
	<p>601-108 Hand Tool for Nano Bands</p> <p>The 601-108 Nano Band-Master ATS® Tool weighs 1.18 lbs., and is designed for nano .075" width clamping bands in a tension range from 20 to 50 lbs. Calibrate at 50 lbs. ± 3 lbs. for most shield terminations. Tool and band should never be lubricated.</p>



3 lengths and 3 widths of EMI braid termination bands plus new Slim Standard bands for size and weight savings—50% lighter and lower-profile than standard bands. Terminated "Slim" style bands have a tighter, smoother buckle with no sharp edge to injure assembly technicians. Plus, say goodbye to protective tape wrapping!

Bands	Band-Master ATS® Band Selection					
	Length		Part Number		Fits Diameter	
	in.	mm.	Flat	Pre-Coiled	in.	mm.
Short Standard Band	9.0	228.6	601-005	601-006	1.0	25.4
Medium Standard Band	14.0	355.6	601-040	601-041	1.8	47.8
Long Standard Band	18.0	457.2	601-049	601-050	2.5	63.5
Short Micro Band	5.0	127.0	601-024	601-025	0.5	12.7
Medium Micro Band	8.0	203.2	601-060	601-061	.88	22.4
Long Micro Band	14.0	355.6	601-064	601-065	1.8	47.8
Short Nano Band	6.0	152.4	601-500	601-501	.60	15.2
Medium Nano Band	9.0	228.6	601-504	601-505	.94	23.9
Long Nano Band	14.0	355.6	601-508	601-509	1.8	47.8
Short Slim Standard Band	9.0	228.6	601-570	601-571	1.0	25.4
Medium Slim Standard Band	14.25	362.0	601-572	601-573	1.8	47.8
Short Micro Slim Band	8.125	206.4	601-600	601-601	.88	22.4
Medium Micro Slim Band	14.25	362.0	601-602	601-603	1.8	47.8



MISSION-CRITICAL INTERCONNECT SOLUTIONS

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