



## LIGHTWEIGHT

# Composite connector accessories and backshells

Rugged metal and lightweight composite backshells and accessories for every application requirement

- Tens of thousands of popular part numbers in inventory ready for same-day shipment
- Fast turnaround on non-standard and made-to-order accessories, typically only two to three weeks
- RoHS compliant plating options



Composite banding / shield termination backshell



Composite low-profile shield termination / Qwik Ty



Lightweight composite strain relief



Composite band / boot adapter



Composite EMI/RFI shield termination backshell



Wide range of ProSeal protective covers

# CIRCULAR CONNECTOR ACCESSORIES

## EMI shielding, strain relief and environmental solutions



### Conductively-plated composite accessories: Outstanding corrosion resistance, weight reduction, and durability

- High temperature, high strength engineering composite thermoplastics for maximum strength and durability
- Total immunity to galvanic corrosion
- Up to 70% weight reduction compared to standard metal connectors and accessories
- Hundreds of innovative, tooled designs
- All popular part numbers in stock and ready for immediate, same-day shipment
- Conductive platings including RoHS versions



Glenair composite interconnect components are manufactured from 30% glass fiber polyetherimide (PEI), an amorphous thermoplastic with outstanding heat and chemical resistance and high strength. At room temperature, the 30% glass-filled PEI exhibits strength far beyond that of most engineering thermoplastics, with a tensile strength yield of over 15,000 psi. The PEI material meets the most stringent outgassing and flammability requirements.



Composite Swing-Arm™ EMI/RFI Shield Sock



Composite Piggyback Accessory with Partially Recovered Boot



Composite Swing-Arm™ Strain Relief



Composite Shrink Boot/Banding Adapter



Composite Plug and Receptacle Protective Covers



Composite Split-Ring for Shield Sock applications

### STANDARD AND PRESSURE BOUNDARY FEED-THRUS



Weight saving composite feed-thru



EMI/RFI split-shell metal feed-thru



Stainless steel firewall 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
- Conductive and non-conductive finish options