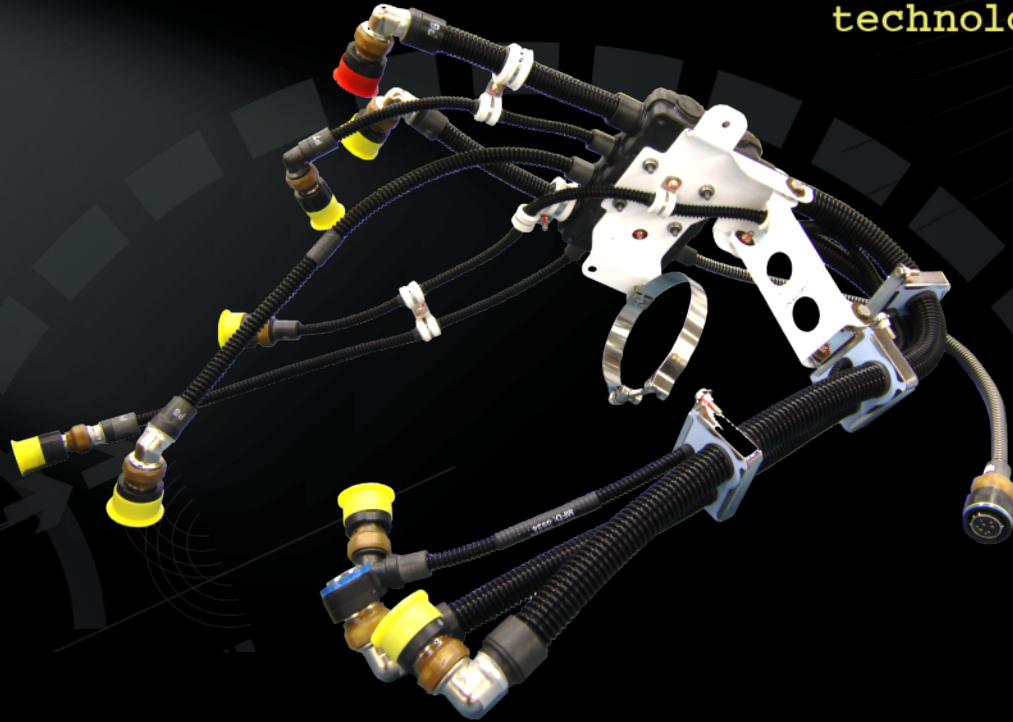


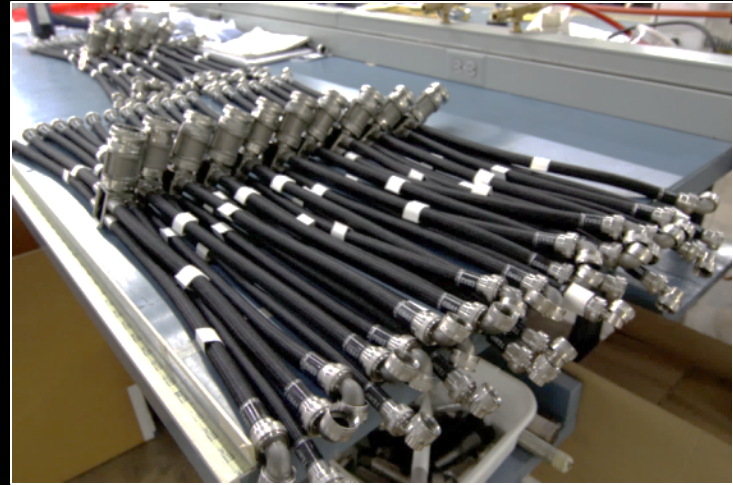
The widest range of  
mission-critical interconnect  
technologies in the world



## Wired Conduit Interconnect Assemblies

# Glenair Conduit Engineering/ Manufacturing Capabilities

- Catia software equipped and trained
- Experienced engineering and application support staff
- Turnkey conduit system assembly design and fabrication
- Wired and tested assemblies



# Conduit Material Options

## Annular Tubing (Series 72 / Guardian)

- Cost Effective
- Outstanding Crush Strength
- Best Flexibility
- Medium Duty Temperature Rating (<150°C)

## Helical Convoluted Tubing (Series 74)

- High Temperature Rating (154-260°C)
- Durable Flexure Performance
- Light Weight (PEEK)

## Flexible Metal Core (Series 75)

- Superior EMI/RFI and EMP shielding
- Greatest crush resistance



# In-House North America Manufacturing Capabilities

- Comprehensive conduit fabrication
  - metal-core and convoluted hi-temp plastic
- Tube bending
- Conduit hole drilling
- Automated Crush wire application
- Teflon internal coating
- EMI shield and fabric overbraiding



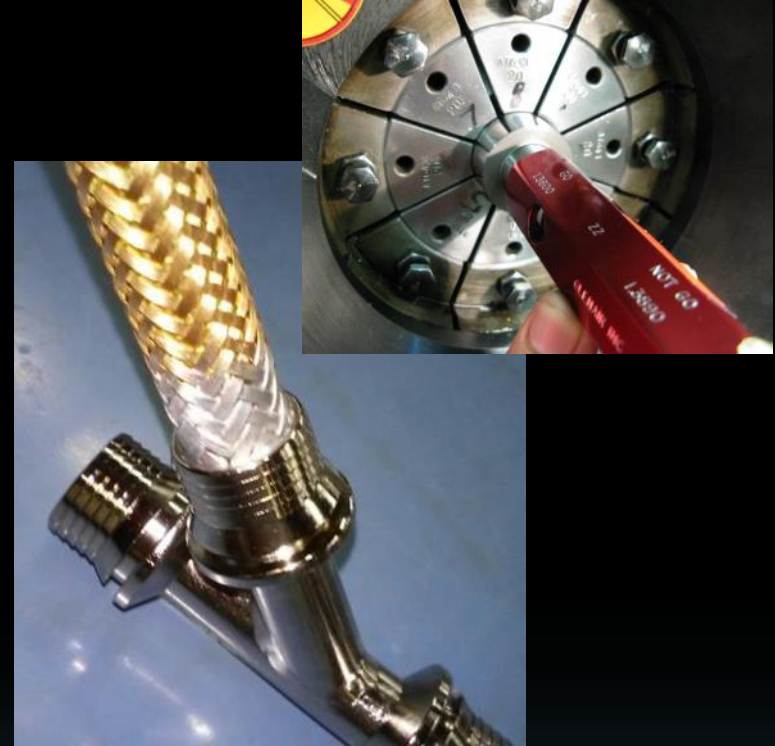
# Bulk Tubing and User Installable Fittings

- Solutions for every application
  - Guardian
  - Sentry
  - Hat-Trick
  - MIL-PRF-24758
  - RP2000



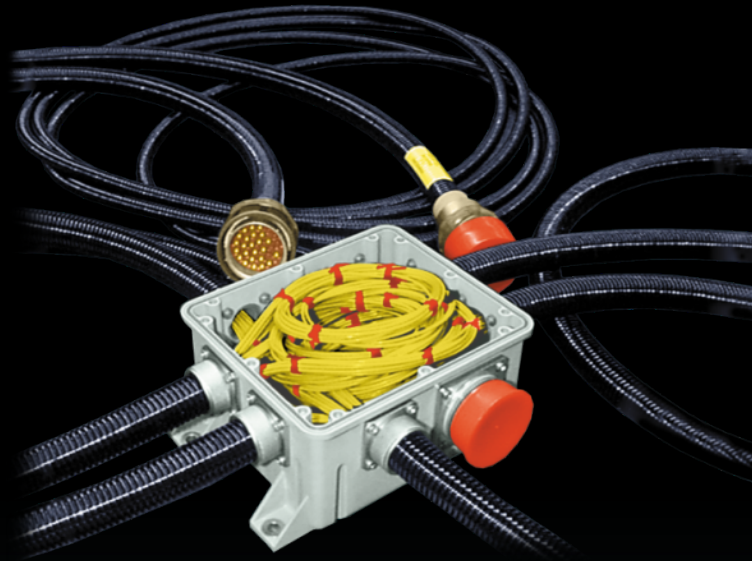
# Pre-Terminated Conduit Assemblies

- Better performance vs. ALL user-installable systems.  
CALIBRATED TOOLING  
CERTIFIED ASSEMBLERS
- Wide range of capabilities:
  - Simple point-to-point-catalog assemblies
  - Complex customer specified designs



# Pre-Terminated Fiber Optic Solutions

Hybrid wired conduit / junction box assemblies



# Rigid Tube Technology

## Robust Protection for Demanding Environments

- Superior protection against impact damage and personnel handling.
- Allows for precise harness routing in tight clearance areas and increased distance between supports.
- Available in stainless steel and Nickel/PTFE plated aluminum.
- Integrated brackets ensure correct installation.





# Lightweight Conduit Assemblies

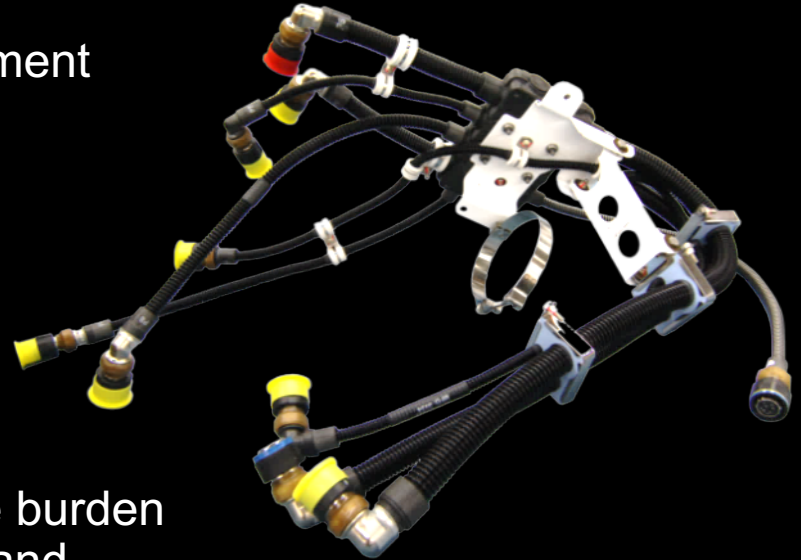
## High-temperature, crush-resistant

- Factory assemblies, terminated and tested for immediate use
- Lightweight PEEK and/or Teflon type polymer-core systems



# Fully Wired and Tested Solutions

- Technical Support
  - On-site mockups, prototypes, development tests
- Solid Modeling to support product development
  - Catia, Solidworks, Inventor
- Kitting of harnesses and attachment hardware into single P/N
  - Order multiple parts in a kit to ease the burden on procurement, quality, warehousing and assembly



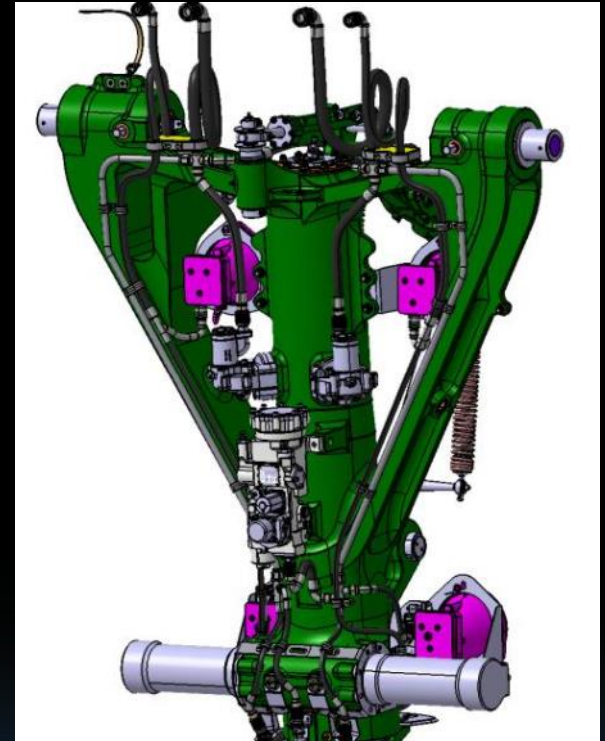
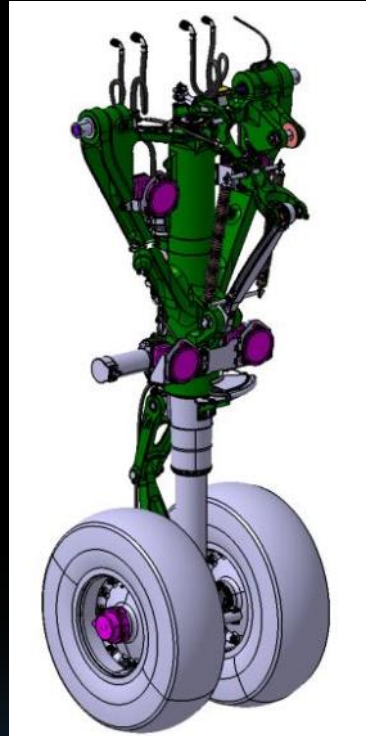
# Landing Gear Wired Conduit Assemblies

- Impact-resistant
- Environmentally-sealed
- FAA qualified

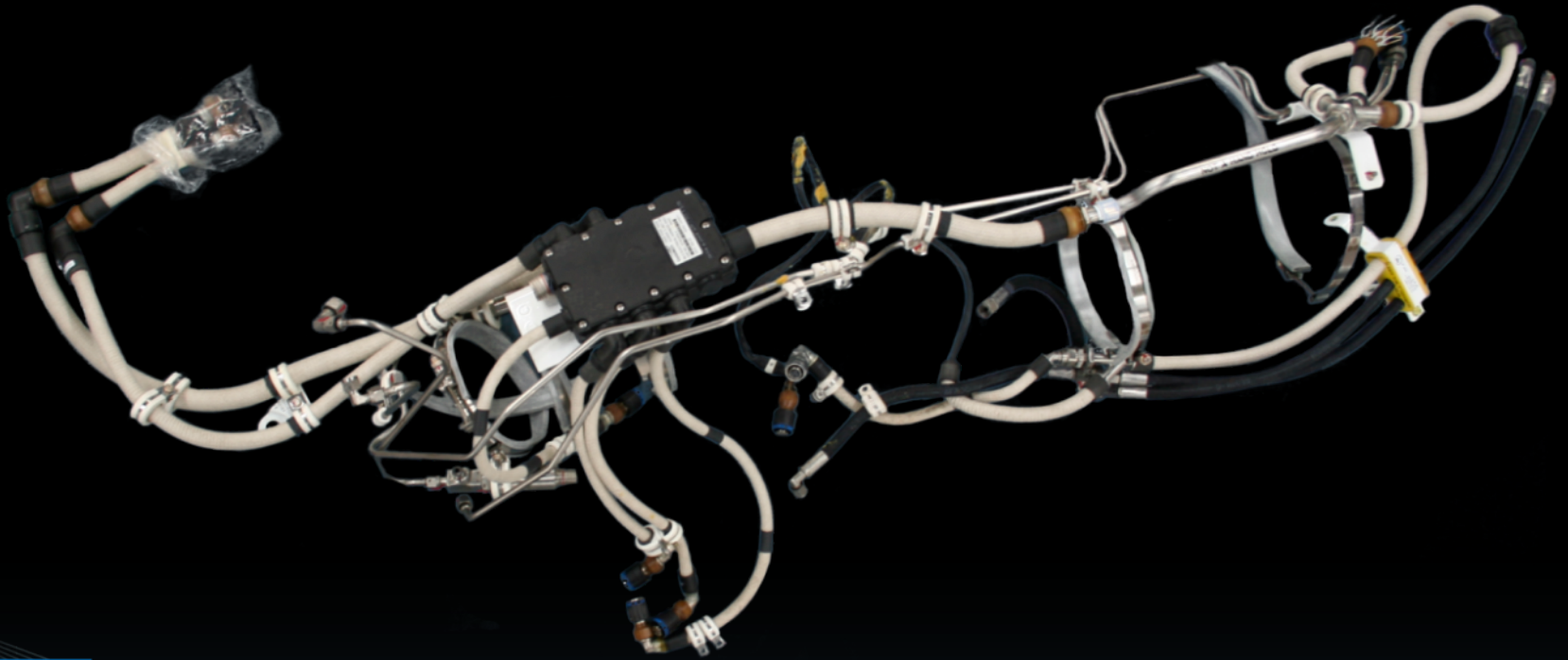


# Landing Gear Wired Conduit Assemblies

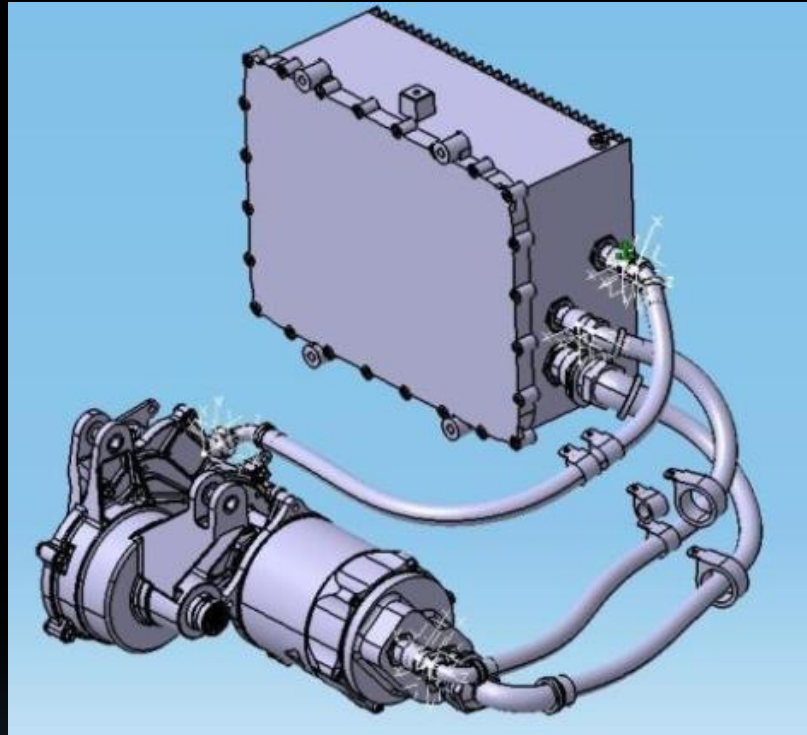
- Original equipment as well as retrofit / upgrade application examples



# Landing Gear Wired Conduit Assemblies



# Wired Conduit for Flight Controls

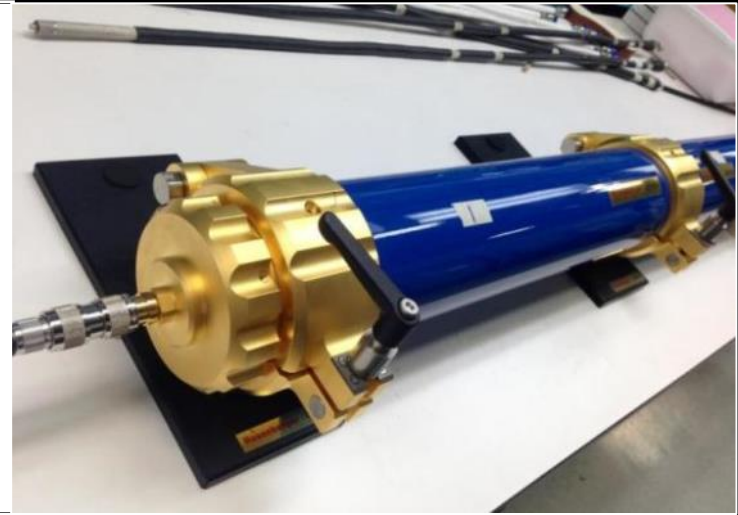
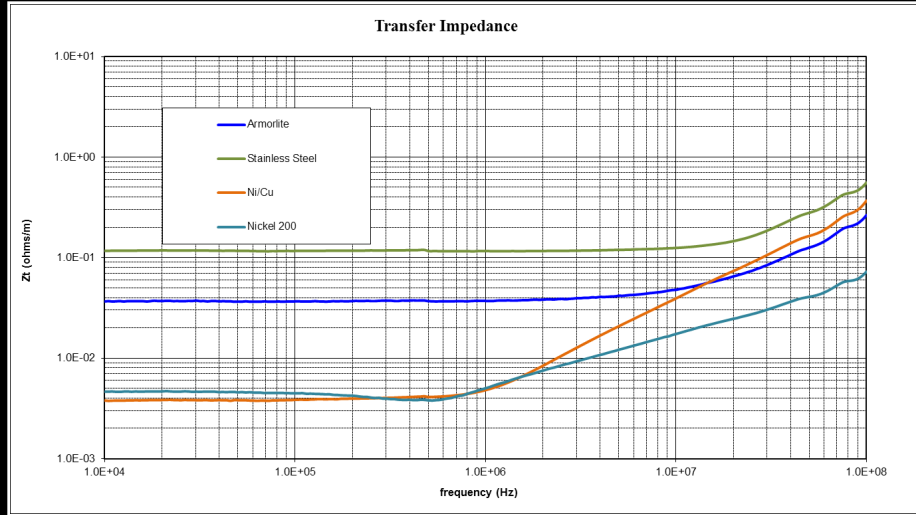


# Wired Conduit for Engine Applications

- High-temperature tolerant metal-core / overbraided stainless steel assemblies for FADEC, rocket launch, and other high-temp applications



# Electrical Performance Testing





# Conduit Termination and Assembly Area



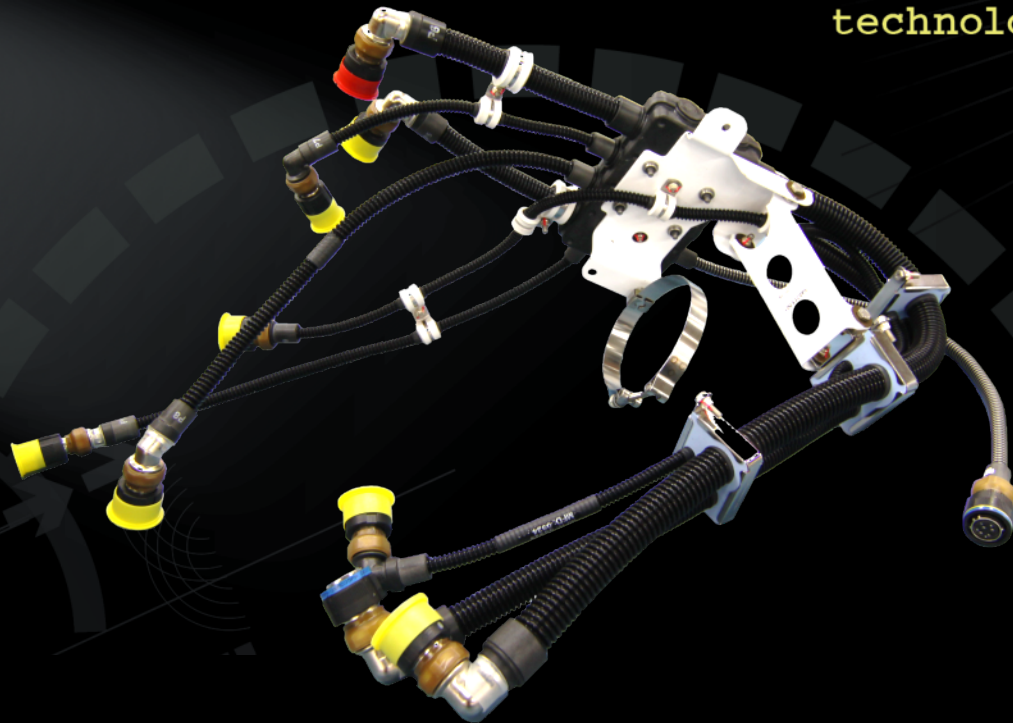
# Glenair Culture

## One-of-a-Kind Service From a One-of-a-Kind Supplier

- Outstanding product availability: literally thousands of items in stock
- Liberal policies on NRE costs, samples, and RMA's
- The industry's best engineering and technical support team
- No dollar or quantity minimums on standard products
- Comprehensive product documentation and information access
- Ample, professionally-managed manufacturing capacity
- The size and scale to tackle every interconnect challenge



The widest range of  
mission-critical interconnect  
technologies in the world



## Wired Conduit Interconnect Assemblies