



TURNKEY

Complex Cable Assemblies

Terminated, tested, and ready for use

Glenair complex cable assemblies may be supplied with MIL-M-24041 overmolding materials such as Viton®, Duralectric™, polyurethane, EPDM, Santoprene™, polyamide and more. Rugged overbraided assemblies for superior mechanical protection and flexibility are also a specialty. Fast turnaround and quality fabrication in complex cable assemblies depends on capital investment in tooling, injection molding equipment, planetary wire stranders, braiding machines and more.



Color-coded overmolded power and signal cable assembly

ADVANTAGES OF OVERMOLDING

- **Waterproof sealing**
- **Robust mechanical protection**
- **Permanent protection of terminations**
- **Resistance to chemicals and fuels**
- **No induced cold flow stress**
- **Electrical isolation and insulation**
- **Reduced wear damage**
- **Flexible routing and cable entry**
- **Repeatable assembly performance**



Overmolded TurboFlex™ power and signal tank pylon assembly

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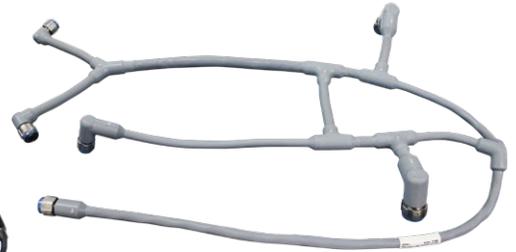
Overmolded and overbraided, multibranch and point-to-point

OVERMOLDED MULTIBRANCH AND POINT-TO-POINT CABLE ASSEMBLIES



Overmolded point-to-point assembly with coil cord cabling

Repairable accordion boot-equipped assembly



Commercial aircraft assembly with Duralectric™ overmolding and Mighty Mouse connectors



Tight-tolerance multibranch fighter jet assembly



Hybrid overmolded and tape-wrapped assembly

OVERBRAIDED MULTIBRANCH AND POINT-TO-POINT CABLE ASSEMBLIES



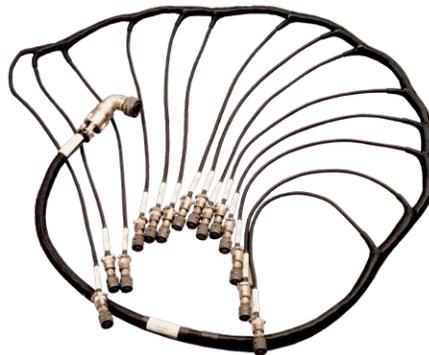
Hybrid abrasion-resistant overbraided cable assembly with overmolded cable junctions



Fabric overbraided assembly with discrete overmolded interconnect standoffs



Lightweight microfilament (ArmorLite™) EMI/RFI shielded assembly for a non-environmental aerospace application



Complex multibranch aerospace assembly equipped with removable backshells for easy field repairability



Hybrid fabric overbraided assembly with overmolded bracket mounts and wire-to-connector junctions