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.

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
TURNKEY

Complex Cable Assemblies

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