Custom Solutions

Supply Chain Management best practices today demand higher-level sub-assemblies to help streamline manufacturing and final assembly.

Gopher Custom Solutions (GCS), a division of Gopher Electronics, is a highly flexible, reliable Sub-assembler, created in response to customers’ needs. From connectorizing fans to Panel Builds, GCS adds value.
Flat Flexible Cable (FFC) Assemblies:
- Lighter weight & lower profile vs traditional wire harnesses
- Cable assemblies may be connectorized to mate with industry standard headers
- Centerlines of .100” (2.54 mm) & .050” (1.27 mm)
- Jacket construction of Nomex, Polyester, Kapton and Teflon
- High flex life & superior heat dissipation
- EMI/RFI options are available
- Custom length assemblies available
- Flexstrip jumpers in stock or built to order
- 100% continuity tested

Flexible Printed Circuit (FPC) Termination/
Membrane Switch Termination:
- Terminated with 25+ years of expertise
- Can replace circuit boards & wires in multiple applications
- Centerlines of .100” (2.54 mm) & .050” (1.27 mm)
- Termination of Polyester & Kapton Assemblies
- Turnaround services in 3 business days
- 100% continuity tested

Value-Add Customization/Cable Harness:
- Development and production of prototypes through production level assemblies
- Engineering, purchasing, stocking and logistics support available for your design objectives
- Assemblies delivered to your factory floor ready for installation and integration
- Assemblies are built and stocked in Minnesota
- Certification to UL ZPFW2, IPC/WHMA A-620, J-001, and A-610

DIN Rail/Panel Build:
- Assemblies manufactured to your prints and specifications
- Assembly installation reduces labor and logistics costs
- Builds allow for managing one part number vs numerous components
- Components and final assemblies stocked at Gopher Electronics, allowing for flexible delivery to meet demand requirements