

Wiring

Services



WIRING SERVICES



VPC's Wiring Services provide engineered, finished and quality-tested cable assemblies and patchcords to help complete your interconnect system. I/O can be modified by simply adding, removing, or relocating patchcords. VPC Engineers can assist with designing custom cables to meet any type of testing need.

PATCHCORDS

- Single & double ended patchcords built to specification
- Over 100 contacts & wires to choose from including: USB, RJ45, and other standard connectors
- Design patchcords online with VPC's Patchcord Designer



CABLE ASSEMBLIES

- Discrete-wired cable assemblies incorporating a VPC module & mating connector
- Connect directly to test instrumentation
- Available in several lengths and configurations
- Include a mechanical drawing and wire list
- Allows quick integration
- Find cable solutions for your test module online with VPC's Cable Solution Selector

COMPLETE WIRED SYSTEMS

- Pre-wired, tested, and include documentation
- Built to specification



THE VPC STANDARD



DESIGNED TO SPECIFICATION

VPC Engineers provide:

- Solutions for integrating VPC products into an existing system
- Expertise for developing custom cable assemblies, mechanical design variations and design of complete wired systems

IPC CERTIFIED

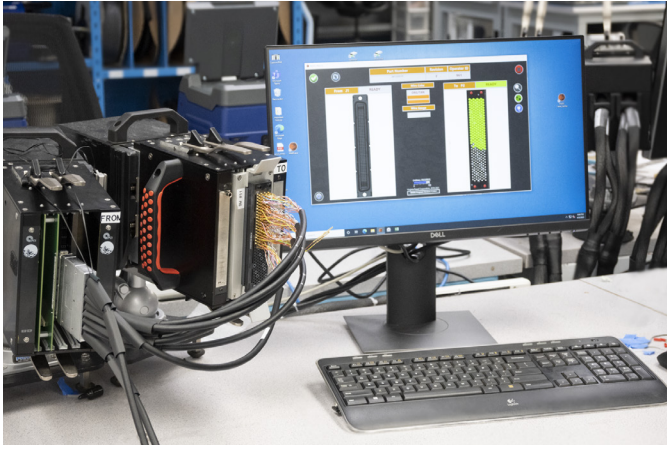
- VPC is an IPC member in good standing
- VPC's in-house wiring team includes certified IPC trainers
- All wire assemblers are trained to comply with soldering per IPC J-STD-001
- All members of the wiring team have earned IPC/WHMA-A-620 application specialist certifications
- Capable of producing IPC classes 1-3 depending on customer requirements

QUALITY TESTED

As an ISO 9001:2015 certified company, VPC is committed to uncompromising quality, continual improvement and exceptional value.

VPC's Quality Assurance Lab uses a Nexya Wiring Analyzer and a network analyzer to test for:

- Point-to-Point Continuity
- Shorts
- Insulation Resistance
- Electrical response of RF cables to a specified frequency range



VPC's self-engineered pinout wiring assistant aids in wire placement. It also conducts quality checks throughout the assembly process. This decreases lead times and increases accuracy to 100% the first-time.



VPC's Komax Wire Twister delivers accurate and uniform twisting. Twisting wire in-house shortens resource acquisition lead times, and makes product customization easier and more efficient, which in turn benefits VPC's customers.

USING TECHNOLOGY TO MAKE TECHNOLOGY

The heat shuttle evenly heats and melts tubing for a high volume of patchcords and cable assemblies. The design of the heat shuttle allows for quick, efficient, and uniform heating using preprogrammed settings. Its cutting edge technology allows VPC to provide faster turnaround times for their customers, while not compromising quality.

VPC wire products are rigorously tested prior to shipment using test fixtures built with VPC's own test interfaces. These test interfaces allow for testing with a mix of both VPC and industry standard connectors, as needed.



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