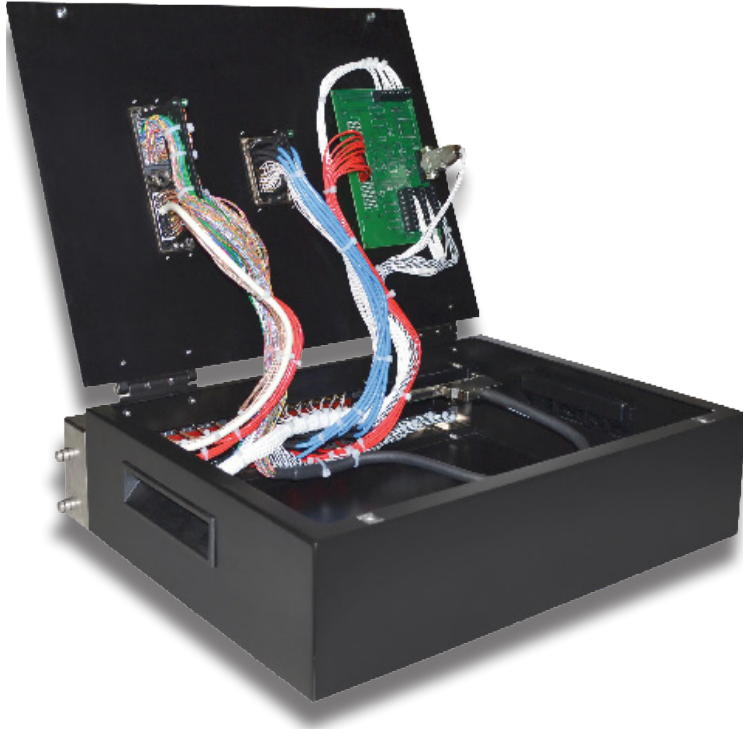


WIRING DESIGN SERVICES



VPC's Wire+ Advantage program provides engineered, finished, and quality-tested cable assemblies. This enables easier system configuration, promoting integration of your Mass InterConnect system with virtually any type of test and measurement instrumentation.

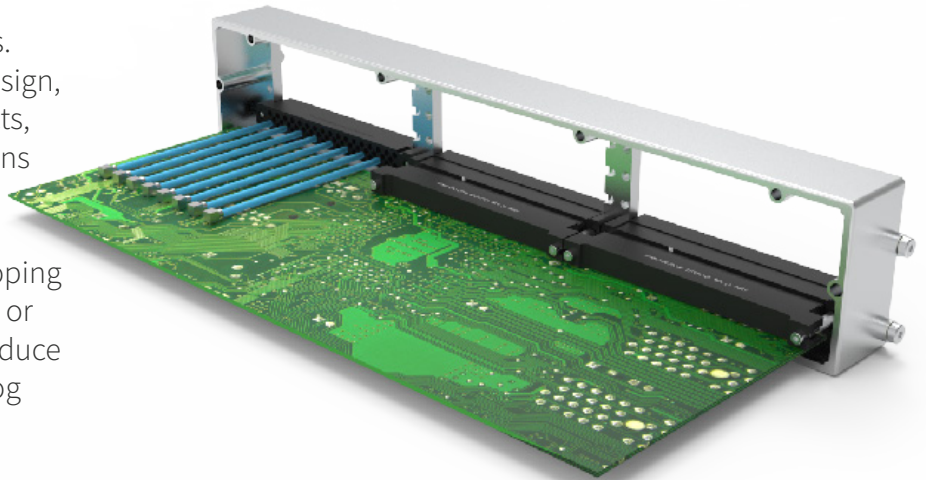
Whether you need discrete-wired cable assemblies, innovative PCB adapter cards, wired adapters, or our wired enclosures, VPC has a solution for your interconnect needs.

VPC has made substantial investments in state-of-the-art automation equipment to speed production. VPC is able to produce thousands of patchcords an hour with consistent and reliable terminations. Automated machinery reduces test and validation time while ensuring you receive a quality and on-time product.

PCB DESIGN SERVICES

VPC offers a comprehensive range of PCB solutions for use with Mass InterConnects. Our services include high speed signal design, board-mounted high density interconnects, differential impedance control, and designs for manufacturability and testability.

Whether your team is interested in developing PCBs for use in complex enclosures, ITAs, or receivers, VPC's PCB design team can produce boards for defense, digital, flex, and analog applications.



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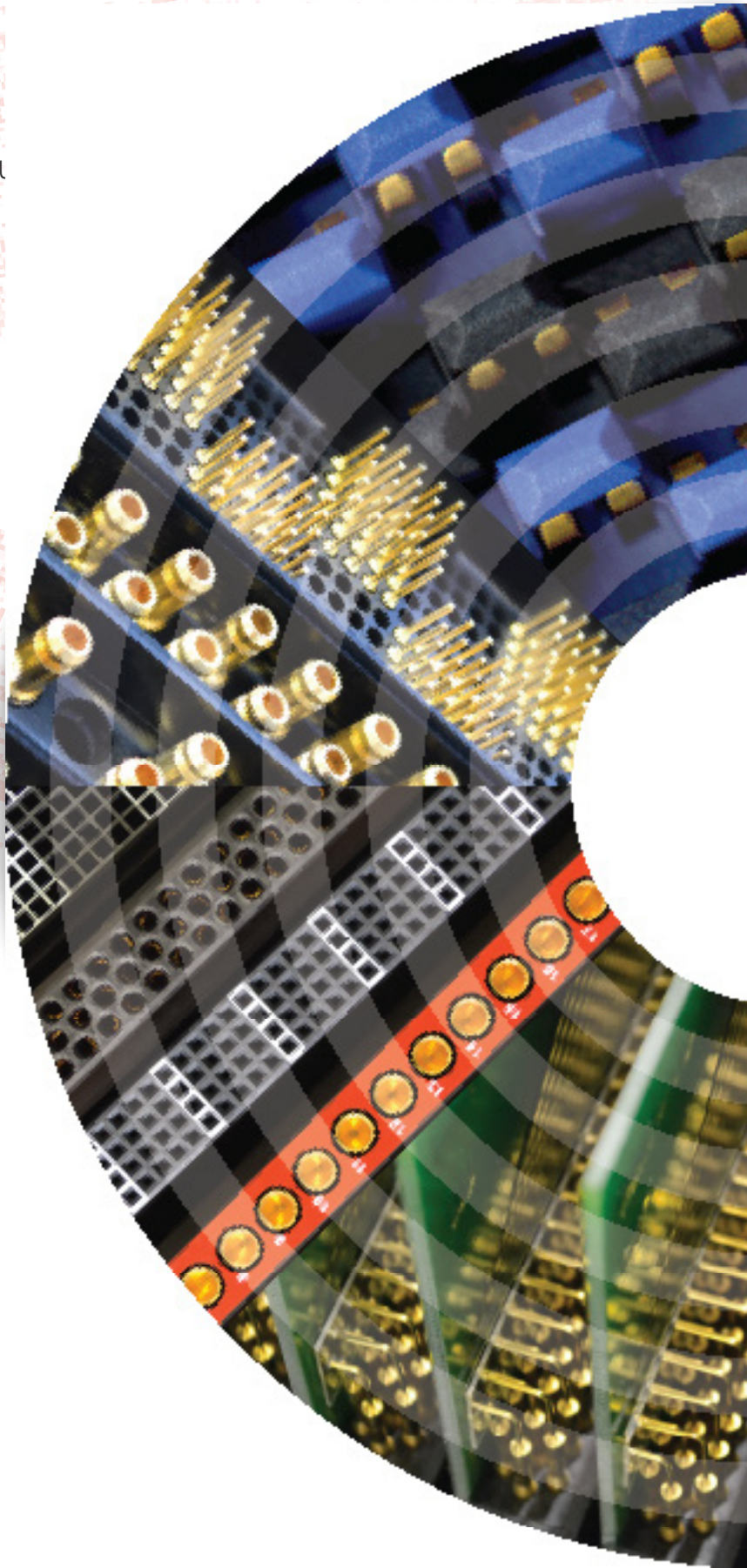
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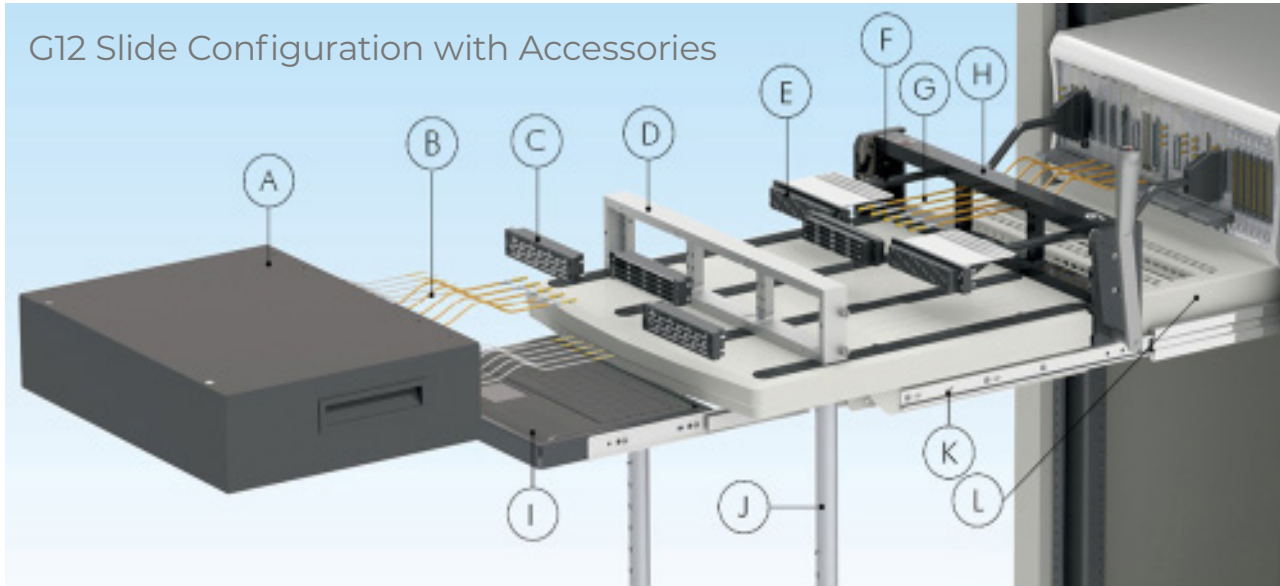
G

12

Mass InterConnect Solu



MULTIPLE CONFIGURATIONS



- | | | | |
|-------------------|--------------------|-------------------------------|-----------------------|
| A. ITA Enclosure | D. G12 ITA | G. Receiver Patchcords | J. Adjustable Leg Kit |
| B. ITA Patchcords | E. Receiver Module | H. G12 Receiver with Platform | K. Slide Kit |
| C. ITA Module | F. Cable Assembly | I. Keyboard Tray Kit | L. Instrument Bracket |

Part # Description

RECEIVERS

- 310 104 325 Receiver, G12, 12 Module with 15" Platform
 310 104 334 Receiver, G12, 12 Module with 20" Platform

Note: The G12 EMI is available for EMI Protection. Extended and non-standard handle sizes are available. See vpc.com or contact VPC for more information.

ITA

- 410 104 322 ITA, G12, Front Mount, 12 Module with Protective Cover

SLIDE KITS

- 310 113 409 20" Slide Kit, Fits 18"-22" Deep Racks, Supports 180 lbs.
 310 113 410 24" Slide Kit, Fits 22"-26" Deep Racks, Supports 180 lbs.
 310 113 451 28" Slide Kit, Fits 26"-30" Deep Racks, Supports 180 lbs.
 310 113 411 30" Slide Kit, Fits 28"-32" Deep Racks, Supports 180 lbs.
 310 113 500 36" Slide Kit, Fits 34"-38" Deep Racks, Supports 180 lbs.

ENCLOSURES

- 410 112 665 Enclosure, G12, Front Mount, 4"x 18"x 12"
 410 112 739 Enclosure, G12, Front Mount, 4"x 18"x12", for Discrete Wiring
 410 112 757 Enclosure, G12, Front Mount, 7"x18"x12"
 410 114 002 Enclosure, G12, Front Mount, Sloped

ACCESSORIES

- 310 113 402 Protective Cover, G12, Receiver
 410 112 681 Replacement Protective Cover, G12, ITA, Vinyl
 410 114 010 Protective Cover, G12, ITA, Aluminum
 310 113 406 Rack Extender Kit, G12, 1.5" Deep
 310 113 548 Rack Extender Kit, G12, 2.5" Deep
 310 113 433 Gap Cover, G12, Rack Mount
 310 113 439 Keyboard Tray Kit, Slide Configuration (keyboard w/ touchpad mouse incl.)
 310 113 453 Instrument Bracket Kit with Strain Relief, Slide Configuration
 310 118 112 Keying Pin Kit, Receiver/ITA
 310 113 566 Adjustable Leg Kit for the 20" Platform, 27"-36", Supports 350 lbs.
 310 113 605 Dual Chassis Mounting Kit, for PXI-1045/PXI-1044/PXIe-1065/PXIe-1075
 310 113 424 Cable Tray, Slide Configuration, for Strain Relief and Cable Management, 28" and longer slides only



*Visit vpc.com for the most up-to-date product information and part numbers.

INFINITE TEST APPLICATIONS

The G12 Mass InterConnect from VPC meets the performance demands of today's Test & Measurement Industry and offers a low profile solution for rapid connectivity between instrumentation and devices under test. With multiple interconnect options in a modular, reconfigurable interface device, the G12 is ideal for commercial, contract manufacturing, automotive, and other high-volume testing environments.

With an aluminum platform in 15" or 20" lengths, the G12 accommodates in-circuit and other functional testing requirements. The platform is also capable of supporting up to 350 lbs (158.76 kg). Integrated guide pins and proven QuadraTrack slides provide precise lead-in for engagement while pin and socket modules and contacts secure reliable connections for over 20,000 mating cycles.

The G12 is also equipped with a unique engagement handle that can be repositioned in 90 degree increments to satisfy different mounting requirements. This gives it the ability to perform in a variety of environments. The 3U height is ideal for rack use, while also providing a low-profile platform for tabletop test applications.



Modular/ Multiple I/O Options

The G12 offers 12 module positions that are configurable for multiple I/O options including:

- Signal
- Coaxial/RF
- Power
- Vacuum
- High Speed Digital
- Pneumatic
- Thermocouple
- Fiber Optic
- Twinaxial

The G12 accepts all standard 90 Series modules and can accommodate up to 2,880 signal contacts.



Rapid Integration

Combined with VPC's QuadraPaddle™ signal contacts and modules, the G12 reduces integration time by allowing use of industry standard .100" (2.54 mm) pitch COTS connectors, cable assemblies, and other interconnect products.



Alternative Configurations

The G12 is available with a 15" or a 20" platform for tabletop and slide-mounted applications. The tabletop option makes the G12 Mass InterConnect system portable and provides easy access to instrumentation and wiring. The slide configuration also provides versatility by extending the G12 receiver allowing easy test system access. Accessorize with an extended leg kit for the 20" platform to support large fixtures up to 180 lbs.