

# Anatomy of a VPC Mass Interconnect

**Cable Assemblies** PCB Adapter or test card configurations with instrument-specific connector(s) that accept COTS (commercial off-the-shelf) cables.

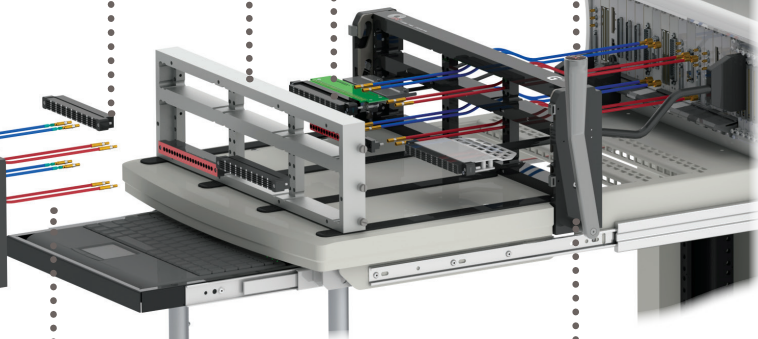
**Receiver Patchcords** Contacts pre-terminated to wire in a single or double-ended format to connect the test instrumentation to the receiver.

**Receiver Modules** Mate with ITA modules and available in multiple configurations such as signal, power, RF/coaxial, pneumatic, vacuum, thermocouple, or fiber optic in varying densities.

**Interchangeable Test Adapter (ITA)** Mates to the receiver and manages ITA modules, PCB adapters, cable assemblies and patchcords for connection to the Unit Under Test (UUT).

**ITA Modules** Mate with receiver modules with the identical configuration. Serve as the final connection to the UUT.

UNIT  
UNDER  
TEST  
(UUT)



TEST  
INSTRUMENT

**ITA Enclosure** Houses the ITA while protecting and providing strain relief for wiring. Offers a mounting surface for UUT accessories such as edge-card adapters and other connectors. May be custom built and designed.

**ITA Patchcords** Contacts pre-terminated to wire in a single or double-ended format to connect the ITA to the UUT in a customized arrangement.

**Receiver** Interconnect device that manages receiver modules, patchcords, cable assemblies, and/or PCB adapters for connection to test instrumentation. Mates with the ITA frame.

