FAQ

Here are answers to some of the most frequently asked questions asked by VPC customers. If you still can't find the answer you are looking for, feel free to contact us. Thank you for choosing VPC!

1. **Where can I get a 3D model for a VPC product?**
    - VPC does not have 3D models available for every product that we sell. Typically, 3D models are available for more popular products or that are sold most often. If a 3D model is available for a product it will be posted on our website on that product's part page.

2. **Where can I find drawings for VPC patchcords?**
    - VPC does not typically create drawings for patchcords. However, if a patchcord is standard and can be created in our Patchcord Designer, a drawing can be created there automatically. Simply create a patchcord and click "Save." On the next screen a product drawing will be available in a PDF format.

3. **Does VPC offer a cable solution for my PXI Card from NI or Pickering?**
    - VPC offers a do-it-yourself tool called the Wire+ Configurator that allows you to select the type of card that you have and will tell you the VPC wire solution options available.

4. **What is the easiest way for me to submit my project requirements, wiring specs, or design configurations to VPC?**
    - VPC's Wirelist Template is a simple-to-use tool that allows easy and quick communication to VPC's Engineering Team in a standardized format to help decrease quote and turnaround time; reduce risk for human error; and save customer time and money.

5. **Why am I having so much trouble extracting the contacts out of my receiver module?**
    - Most VPC receiver modules require that they be separated into two before contacts can be extracted. Refer to the User Manual for your specific module type for further instructions.
      VPC has special tools for extracting their contacts. Refer to the specific contact user manual for each contact type. User Manual Webpage

    - **Where can I order strain relief couplers for the iCon or I1 EMI?** Please refer to the Tech Tip on our website for detailed information.

6. **What method is recommended for soldering QuadraPaddle connectors p/n 510150152 and 510151121 to a PCB?**
    - Wave or selective soldering

7. **Where can I find voltage ratings for contacts and modules?**
    - Refer to the Dielectric Withstanding Voltage Ratings manual on our website.

8. **What is VPC's recommended cleaning method for contacts?**
    - VPC contacts have a self-wiping action and should perform for the specified cycle-life count without requiring any cleaning. If the user feels it is absolutely necessary, compressed air may be used. Use of any chemicals or other products could potentially leave residue that could cause non-conductivity or attract dust and other contaminates.

9. **Does eCASS use the same contacts and modules as CASS?**
    - Yes, they both use mini coax, mini power and TriPaddle.

10. **Can I upgrade from a G12 Receiver to a G12x Receiver and still use my standard G12 ITA?**
    - Yes, G12 ITAs are backwards compatible.

11. **Is a 9050 ITA or a 9025 ITA compatible with a 9075 receiver?**
    - Yes, the 9025 and 9050 ITAs are compatible with the 9075 Receiver.
    - Also, 9025 and 9050 ITAs are compatible with 9050 Receiver.

12. **What is the definition of low noise in the world of interconnect solutions?**

    - Low noise can define different conditions. The effects are created by leakage of energy into or out of the systems, such as EMI or from internally created interference and distortion. Therefore, it can be defined as how well a system is isolated. Noise levels can be impacted simply by using a cable shield to keep system noise away from the outside world and outside noise away from system signals.

    - **What can cause noise in a cable assembly?**
        - Noise can be introduced either by electrical or magnetic fields; or noise can be created by internally by cable motion. With the use of high impedance devices, the effect can be severe. Coax or twisted pair cables can be used to reduce noise.