

## I-PEX® Connector Orientation

Taoglas utilize I-PEX® connectors on their embedded PCB, Flex PCB, Active GNSS Patch Series and Cable Assembly series of products. Multiple connectors variants for multiple cable types are available but the orientation of the connector can vary depending on the cable length used on the product.

### Guidelines:

In order to clarify what is achievable under normal manufacturing capabilities, please note the following guidelines.

#### Cable length under 100 mm

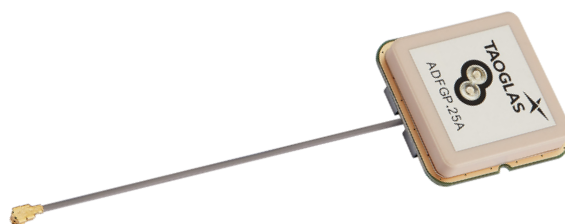
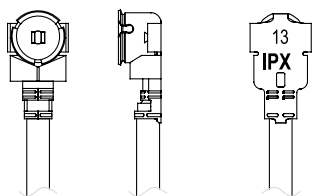
The connector orientation will match the product drawing to within  $\pm 10^\circ$  of rotation around the cable axis. See figure 1.

#### Cable length 100 mm or longer

The connector orientation shown in the drawing is for reference only. The actual orientation may differ slightly. This is because longer cables require different routing during assembly to maintain product quality and RF performance. As a result, the exit direction of the connector may need to be adjusted.

### Special Requirements:

If your application requires a fixed connector orientation, please let us know. We can provide a customized part number to ensure the connector is positioned exactly as needed for your design.



### Note:

- With cables above 100mm, it is possible to achieve a specific tolerance but additional costs may be incurred for amendments to the standard manufacturing process to achieve such accuracy.



Figure 1

