



# Torridon Drive Modules

## Usage and Handling

Quick Start

# 1

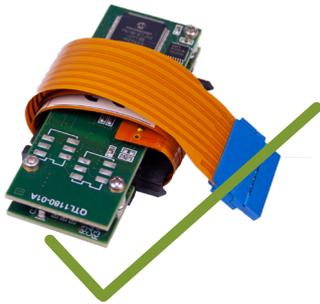
## Storage and handling

### IMPORTANT

Drive Modules must fit in very restricted spaces so they cannot have protective enclosures fitted.

You must handle the devices carefully and protect them from mechanical damage or exposure to electrostatic shocks.

### Basic handling



Coil flex cables carefully



Don't let cables tangle up



Store and handle using ESD precautions



Never pull on the cable

# 2

## Protecting Cables

### IMPORTANT

Flex cables are strong and can be routed through tiny gaps BUT can be cut or punctured by sharp metalwork.

Insert and remove modules slowly and carefully. Avoid trapping flex cables as you insert drives. See below for suggested tape placement to keep modules protected.



### Taping suggestions



Taping over the connector join ensures the module comes out with the drive and does not get left behind in the enclosure



Taping over the flex cable stops it catching when inserting or removing the drive (or drives above)

# 3

## Module Connection

### Grounding Issues

Ensure that all local parts of the test system (Enclosure, Control PC and Quarch controller) are on the same power supply phase and have a common ground.

Plugging the Quarch module into the controller before inserting the module into the test system is recommended. This will reduce the chance of differing ground potential causing damage to the module.

### Connection Order

- 1) Insert your module into the controller, aligning the Pin 1 marks.
- 2) Connect the power supply and USB/Serial to the controller
- 3) Connect the module to the drive
- 4) Insert the drive+module into the host

