iDOCK
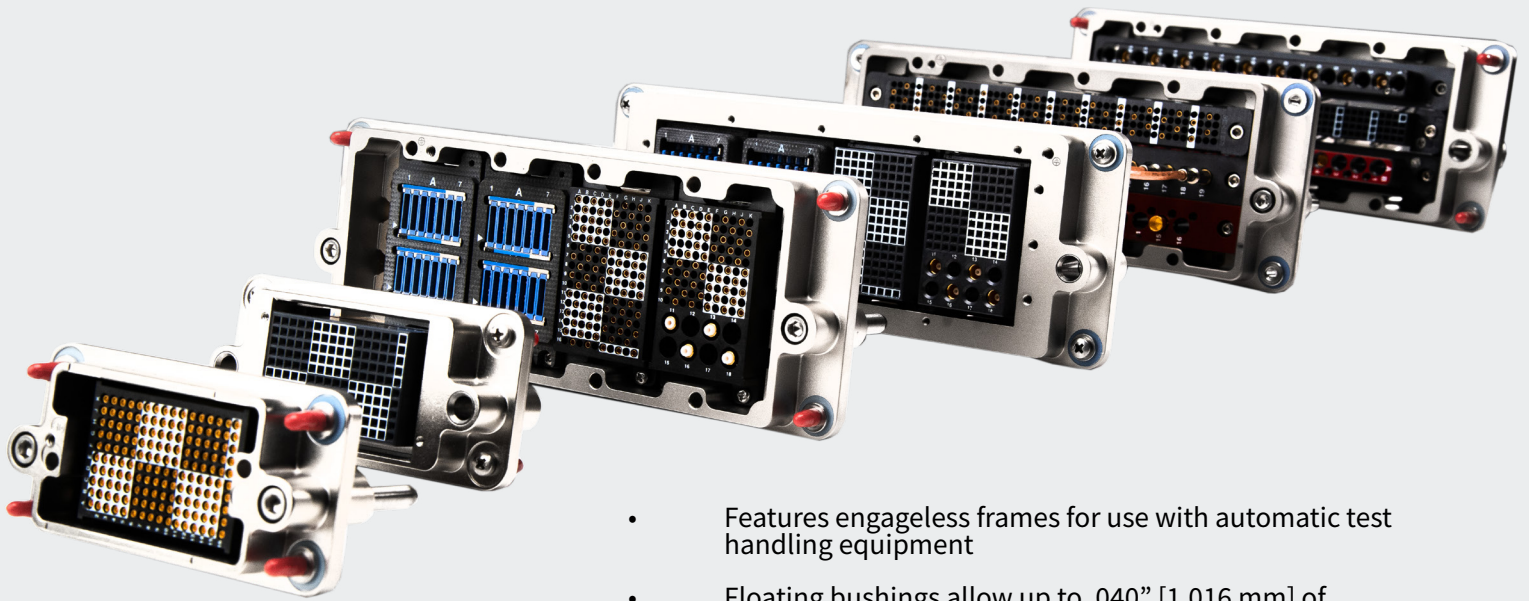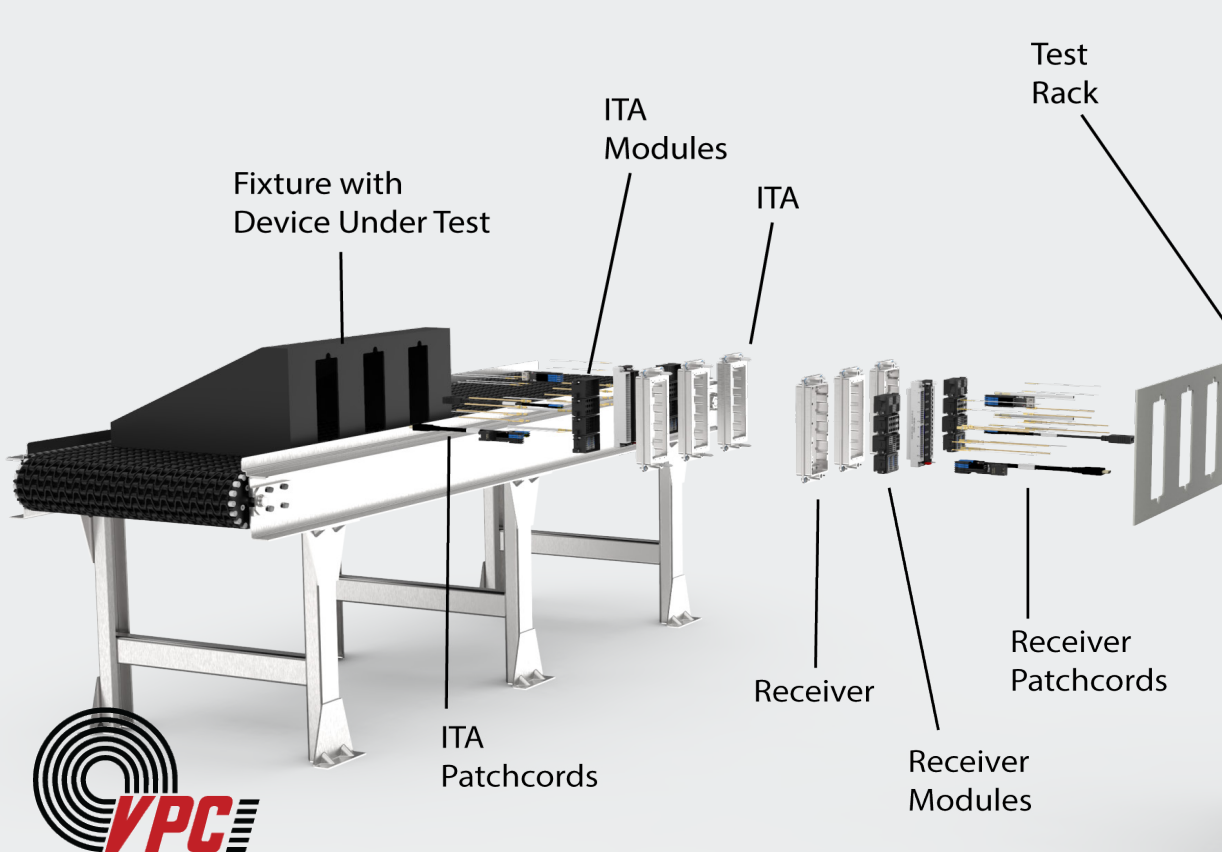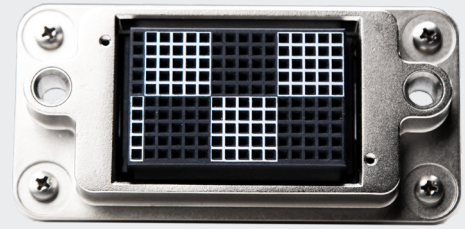## S E R I E S

- Features engageless frames for use with automatic test handling equipment

- Floating bushings allow up to .040" [1.016 mm] of re-alignment

- Mixed I/O modules available - up to 5,952 signal contacts

- Rated for 100,000 mating cycles

- Reduce testing time and increase accuracy

Fixture with
Device Under Test

ITA
Modules

ITA

Test
Rack

Receiver

Receiver
Patchcords

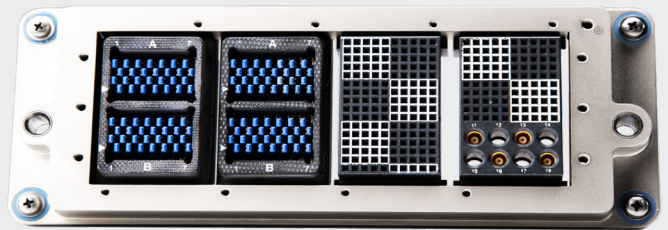ITA
Patchcords

Receiver
Modules

VPC

D1

Despite its extremely compact design, the frame can be configured with up to 160 signal pins with less than 1U height. With a .020" radial float the D1 ensures consistent mating for over 100,000 cycles.

D3/D4

Mount up to four iCon/i1 modules with 640 signal contacts or three 90 series modules with 672 signal contacts. With a .040" radial float the D3/D4 ensures consistent mating for over 100,000 cycles.

D1

D12

With a larger frame, the D12, accepts up to twelve 90 series modules and is under 3U height. The D12 can engage up to 2,880 signal contacts and has a .040" radial float.

D25

The D25 frame is the largest iDock interface and accepts up to twenty-five 90 series modules. Using less than 5U height, it can engage up to 5,952 signal contacts and has a .040" radial float.

D3/D4

Specifications

Frame Weight	**D1** - .2lb [.09 kg]
	D3/D4 - .48 lb [.20 kg]
	D12 - 1.84 lb [.83 kg]
	D25 - 3.5 lb [1.59 kg]
Frame Material	Nickel plated aluminum
Guide Pin Material	Heat treated stainless steel
Floating Bushing Material	Nylon
Internal Bushing Material	Stainless steel
Operating Temperature	-55 °C to 110 °C
Cycle Life Rating	100,000 mating cycles

The D3/D4 is compatible with VPC's Infinity Connector.