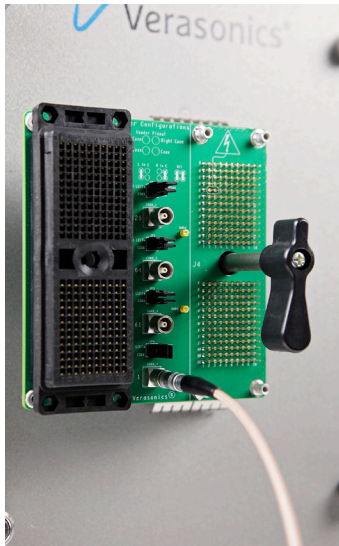


Offset Adapter

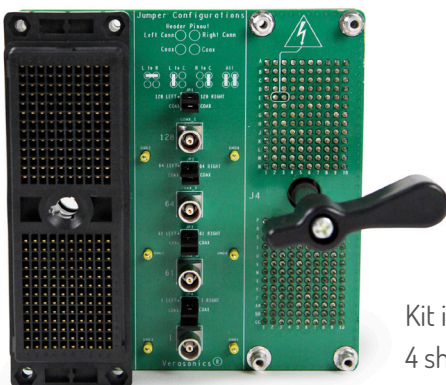
Part # P01367

The new Verasonics Offset Adapter connects to the 260-pin ZIF connector and provides I/O pin access inline to evaluate the signals from array transducers. With an adjustable shunt/jumper, and using one of 4 LEMO connectors, it also enables the user to drive a single element transducer with the 260-pin connector, or to acquire data from a single element transducer. This adapter is available now for all Verasonics research systems that use the 260-pin connector.



The Offset Adapter allows a user to configure four separate I/O channels with LEMO connectors in the following states:

- Pass the signal directly to an array transducer
- Drive a single element transducer via the LEMO connector
- Drive a single element transducer with an external source
- Observe a signal inline with a transducer



Kit includes
4 shunt/jumpers

Ribbon Cable Break-out Board

Assembly Left: Part # P01533

Assembly Right: Part # P01534

Each board includes:

- Documentation package
- Shield assembly
- Cable hold-down clamp
- IDC ribbon cable connectors



All element signal channels include a breadboard area for surface-mount or through-hole tuning elements, series and parallel positions. Board is normally delivered with zero-ohm series elements in place.

Specifications:

- Compatible with all V-1 and Vantage systems
 - Maximum capacity: 128 element transducers per board
- Left or right Break-out boards available.

Provides an array of 2 X 17 headers with 0.1" pitch, to connect with IDC mass-termination ribbon cable connectors from the cable assemblies. Each header provides 16 transducer



element signals, interleaved with grounds in the ribbon cable. Eight headers are required to allow connection to all 128 element signals at the connector. Also includes breakout for personality EEPROM, and for HVMUX programming signals and supplies.



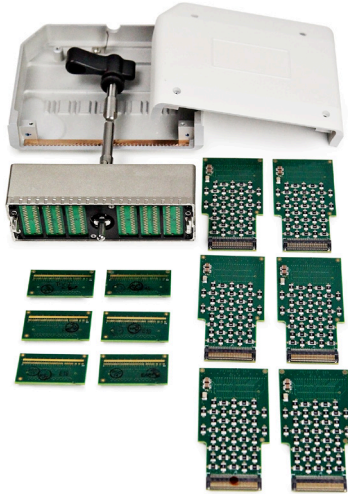
Micro-coax Connector with 408-pad Transducer Backshell Kit w/PCBs

Zero-Ohm series tuning:
Part # P01631

No tuning (open circuit):
Part # P01766

Each kit includes:

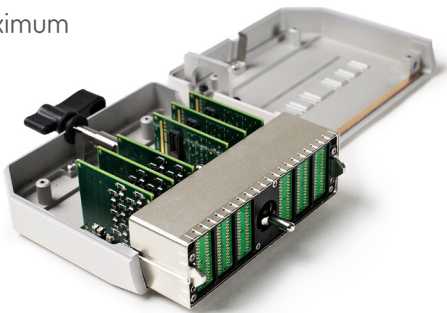
- 6 micro-coax termination boards (plus 2 spares)
- Backshell hardware
- Plug PCB and hardware
- 6 tuning PCBs



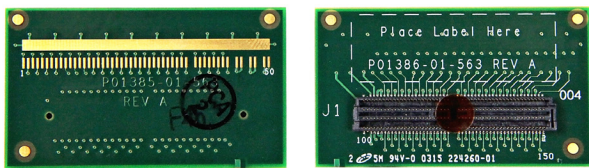
Specifications:

- Compatible with Vantage systems that have the UTA adapters using the 408 connector
- 256 elements maximum

Backshell Kit components are shipped partially assembled. To assemble the kit, the user must solder micro-coax wires



to the provided termination boards. Additional information on channel to element routing can be found in the documentation provided by Verasonics.



Note: The no-tuning configuration (P#: P01766) requires a user to separately purchase and install the surface mount series tuning components.

Micro-coax Connector with 260-pin Transducer Backshell Kit w/PCBs

Zero-Ohm series tuning:
Part # P01370

No tuning (open circuit):
Part # 01371

Each kit includes:

- 4 micro-coax termination boards (plus 2 spares)
- Backshell hardware
- 1 ZIF Connector PCB
- DL-260 connector plug and locking handle
- Cable nut and ferrule (not shown in photos)
- 2 tuning PCBs (series only)
- Documentation (schematics, warnings, instructions)



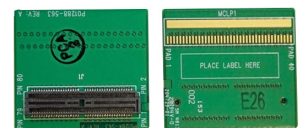
Specifications:

- Compatible with all V-1 and Vantage systems
- Maximum capacity: 128 element transducers

Backshell Kit components are shipped partially assembled. To assemble the kit, the user must first solder the micro-coax (or other signal wires) to the termination boards (below), which handle 32 signal channels each.



The termination boards are plugged into the tuning boards, and then the entire kit is assembled. Assembly documentation is included.



The “no tuning” option (P01371) requires customer to separately purchase and install tuning components (surface mount).