

Micro-coax Connector with GE-408-pin and 408-pin Transducer Backshell Kit w/PCBs

Zero-Ohm series tuning:
Part # P02598-01 GE

No tuning (open circuit):
Part # P02810-01 GE

Zero-Ohm series tuning:
Part # P01631 Verasonics
No tuning (open circuit):
Part # P01766 Verasonics

As improved technologies have become available for connecting transducers, Verasonics is modernizing its connectors and accessories. Verasonics is updating its connectors and accessories; the company will migrate its transducer portfolio to the GE-408 connector and pin-out for new transducers whenever possible.

Each kit includes:

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

Specifications:

- Compatible with Vantage systems that have UTA adapters using GE-408-pin or 408-pin connectors
- Maximum capacity: 256 element transducers

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 assembly documentation.



Note: The no-tuning configurations (P# P02598-01 GE & P01766 Verasonics) require users to separately purchase and install 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 # P01371

Cable termination boards (set of 6): Part # P01288

Each kit includes:

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



Specifications:

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

Backshell Kit components are shipped partially assembled. To assemble the kit, the user must solder micro-coax (or other signal wires) to the termination boards provided.

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



Note: The no-tuning configuration (P#: P01371) requires users to separately purchase and install the surface mount series tuning components.

Offset Adapter

260-Pin Offset Adapter Left: Part # P01367-01
260-Pin Offset Adapter Right: Part # P01367-02

The 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 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 in-line with a transducer

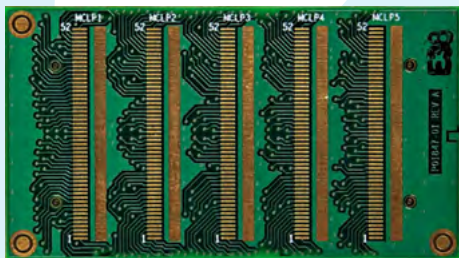


Kit includes 4 shunt/jumpers

Termination Boards Package

Part # P10971
Package of 10 Cable Termination boards for 256 Direct/1024 MUX.

For integrating custom, high-element count transducers and using them with the Vantage system, these termination boards enable the user to solder up to 128 micro-coax wires per board, and then attach them to connectors inside the UTA adapter. The 256 Direct adapter can accommodate 2 of these boards and the 1024-MUX adapter can accommodate 8 of them.



Ribbon Cable Break-out Board

Assembly Left: Part # P01533
Assembly Right: Part # P01534



Specifications:

- Compatible with all Vantage and V-1 systems using the 260-pin connectors
- Maximum capacity: 128 element transducers per board

Provides an array of 2 X 17 headers with 0.1" pitch, to connect with IDC mass-termination ribbon cable connectors from 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. Breakout for personality EEPROM and HVMux programming signals / supplies included.

Each board includes:

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

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.

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Verasonics reserves the right to change specifications without notice.

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