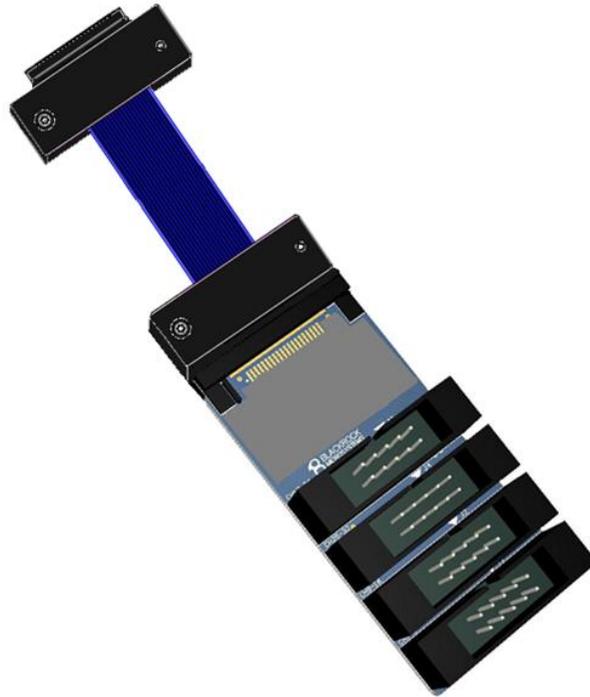


Blackrock Quad-IDC Shielded Cable (PN-5860) Instructions for Use



Blackrock Microsystems, Inc.

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Blackrock Quad-IDC Shield Cable Instruction for Use

1 System Overview

The Blackrock Quad-IDC Shielded Cable provides an interface between Blackrock's Neural Signal Processor (NSP) and microelectrode arrays for high fidelity transmission and recording of extracellular spikes and local field potentials from the brain. Figure 1-1 below shows an application overview of how the Quad-IDC Shield Cable fits into a complete neural recording system.

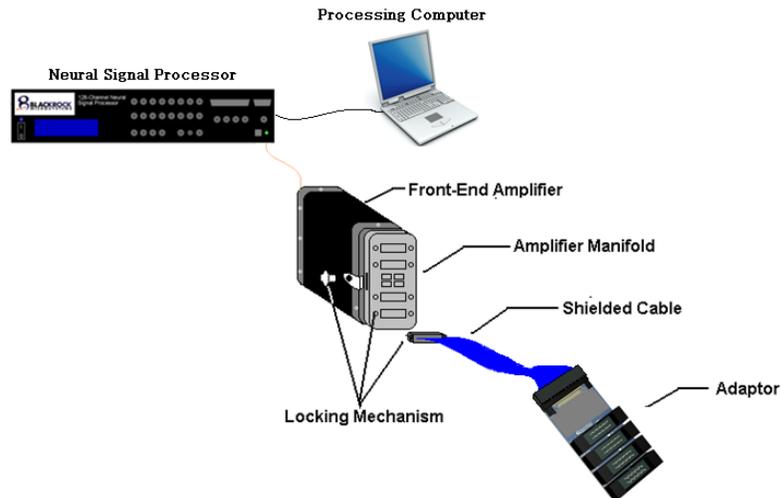


Figure 1-1: Application Overview

* Blackrock Amplifier Manifold and Acquisition System (Neural Signal Processor, Front End Amplifier) are each purchased separately.

Blackrock Quad-IDC Shield Cable Instruction for Use

2 Hardware

2.1 Blackrock Quad- IDC Shielded Cable Pin-out PN-5860

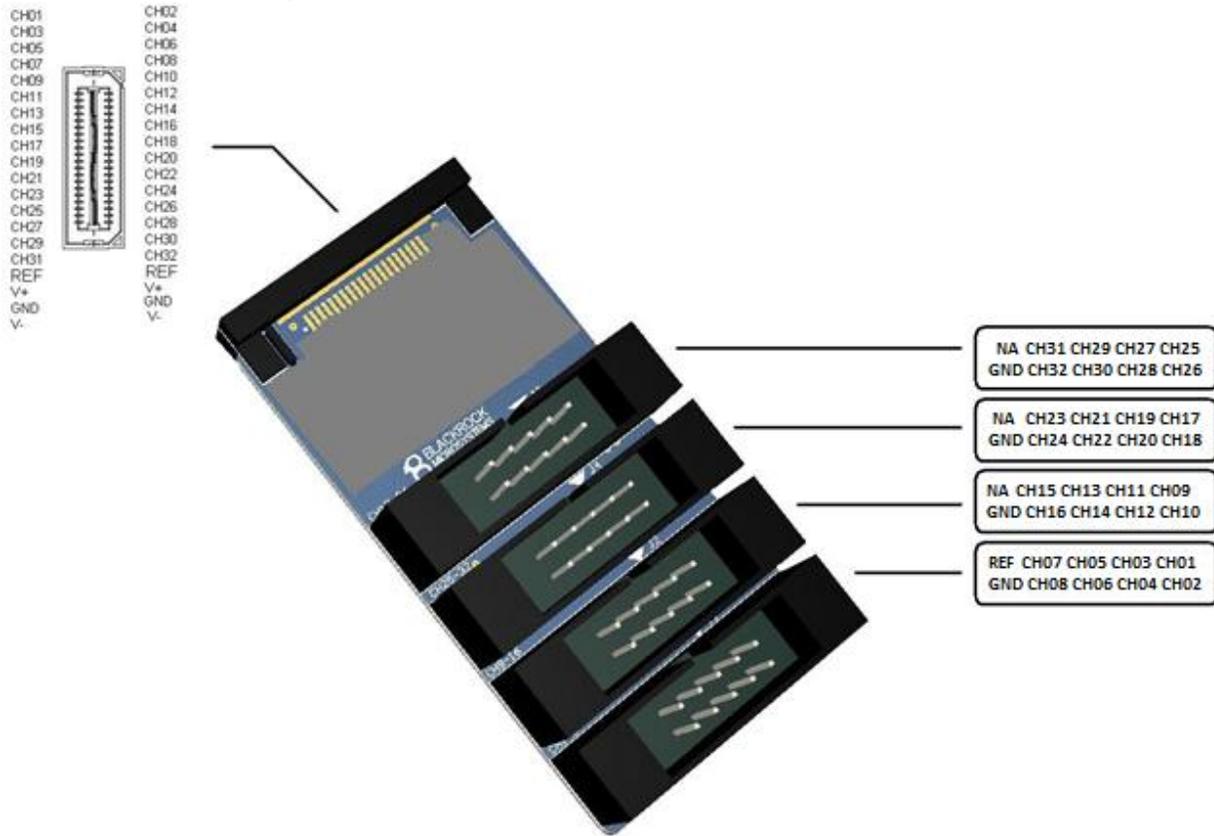


Figure 2-2: Blackrock Quad-IDC Shielded Cable Pin-Out

*The NA pins on the connectors are not connected. For reference input, Bank A pin 9 must be connected.

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3 Warranty

Blackrock Microsystems, Inc. warrants that its products are free from defects in materials and manufacturing for a period of one year from the date of shipment. Blackrock will, at its option, repair or replace any product that does not comply with this warranty. This warranty is voided by:

1. Any modification or attempted modification to the product done by anyone other than an authorized Blackrock employee
2. Any abuse, negligent handling or misapplication of the product.

This constitutes the sole warranty made by Blackrock, Inc. There are no other warranties, expressed or implied, which extend beyond those described herein or to anyone other than the original purchaser, including the implied warranties of merchantability and fitness for a particular purpose. In no event shall Blackrock Microsystems, Inc. be liable for any incidental or consequential damages, or for the infringement of any patent rights or third party rights due to the use of its products.

3.1 Return Merchandise Authorization (RMA)

In the unlikely event that your adaptor needs to be returned to Blackrock for repair or maintenance, do not send any equipment back without a Return Merchandise Authorization Number. An RMA number will be issued to you by a Blackrock representative. If you need to obtain an RMA number, you may contact a product support representative at (801) 582-5533 or toll free at (866) 806-3692.

Once an RMA number has been issued, it is important to safely pack the returned item for shipping back to Blackrock. It is preferred that you save the original boxes and packing materials that your system arrived in for return shipment. Please address the package as follows:

Blackrock Microsystems, Inc.
ATTN: RMA#
391 Chipeta Way, Suite G
Salt Lake City, UT 84108 USA
Tel: (801) 582-5533