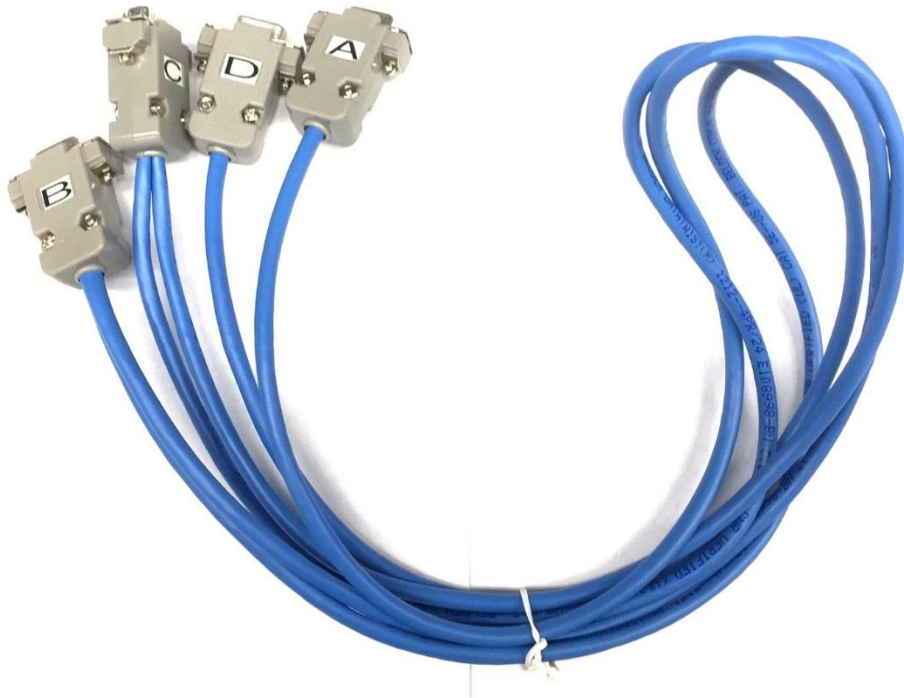


Blackrock Multi-NSP Sync Cables

PN-10435/ PN-10436/PN-10437



Blackrock Microsystems, LLC

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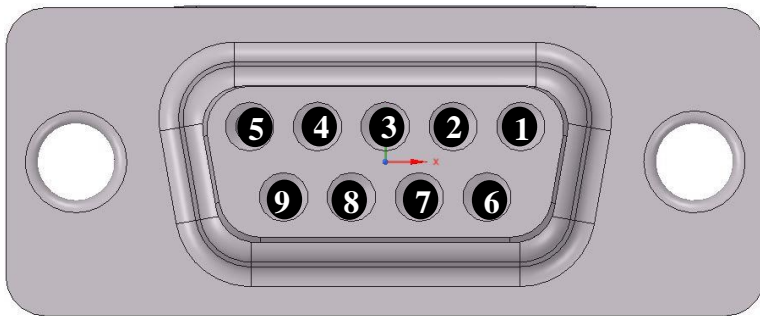
1 Introduction

The Multi-NSP Sync Cables are designed to synchronize multiple NSP devices. Caution the Multi-NSP Sync Cables (PN-10435, PN-10436, PN-10437) are for animal research use only.

	IEC60101-0102	Danger of Electrostatic Discharge (ESD)
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- In order to reduce the likelihood of ESD, use antistatic or electrostatic discharge (ESD) safe gloves when connecting the Adapter.

2 Hardware



Connector A is the primary connector. All other connectors are secondary connectors. The NSP connected to the primary connector will have its clock sent to all other NSPs.

Connector A Pin#(signal)	All other connectors Pin#(signal)
Pin#2 (Digital Out Put 2)	Pin#2 (Digital Out Put 2)
Pin#3 (Digital Out Put 1)	Pin#3 (Digital Out Put 1)
Pin#4 (Clock Output)	NA
Pin#9 (Clock Input)	Pin#9 (Clock Input)
Pin#5 (Ground)	Pin#5 (Ground)
*Pin#1, Pin#6, Pin#7, and Pin#8 are not connected.	

Multi-NSP Sync Cables Pinout



3 Warranty

Blackrock Microsystems, LLC 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, 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, LLC 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 adapter 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 +1 801 582-5533.

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, LLC
ATTN: RMA#
630 S. Komas Drive, Suite 200
Salt Lake City, UT 84108 USA
Tel: +1 801 582-5533