Neuralynx
High Density Electrophysiology Recording Systems

ADPT-HS18-DUAL-PSR

The ADPT-HS18-DUAL-PSR is used to connect two standard HS-18-µDB37s to a single flex tether connection on a Neuralynx Slip Ring Commutator.

Commutator Connection

The ADPT-HS18-DUAL-PSR connects directly to a flex tether connection on a commutator. If you wish to add tether extensions be sure to use extensions labeled TETH-HS-36-EXT. This is the non-mirrored version.

HS-18-µDB37 Connections

There are two HS-18-µDB37 connections on the ADPT-HS18-DUAL-PSR. They are labeled JIN1 and JIN2. Their pin layouts are shown in the next column. Each headstage has its own set of references but shares Animal Ground. It is recommended that the tethers of each HS-18 be zip-tied together at the base of the ADPT-HS18-DUAL-PSR once they have been connected to improve commutator sensitivity.

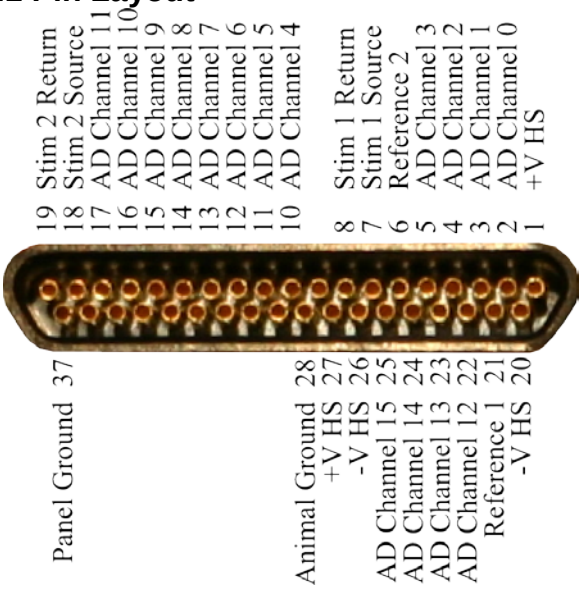
Stimulus Line Pass Through

The two sets of Stimulus Lines are common to each HS-18-µDB37 connection.

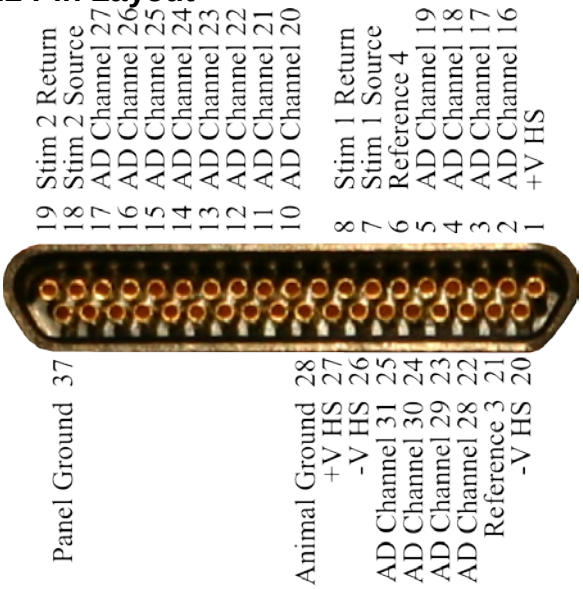
HS-18 and Commutator

For more information on the HS-18 and Commuator please refer to their Users Manuals on the Neuralynx website.

JIN1 Pin Layout



JIN2 Pin Layout



Technical Specifications:

Size (LxWxH)	38mm x 48mm x 14mm
Weight	15.2g
Signals	• 36 Signals Passed Through • 1 Ground Passed Through • Both Stimulus Pairs Passed Through
Connections	Input: (2) HS-18 µDB37 Connectors Output: Hirose Tether Connection

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