



ADPT-HS18-DUAL-PSR

The ADPT-HS18-DUAL-PSR is used to connect two standard HS-18- μ DB37s 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- μ DB37 Connections

There are two HS-18- μ DB37 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

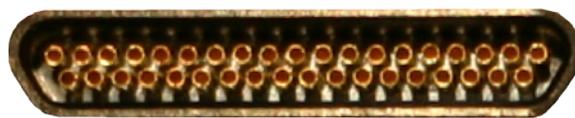
The two sets of Stimulus Lines are common to each HS-18- μ DB37 connection.

HS-18 and Commutator

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

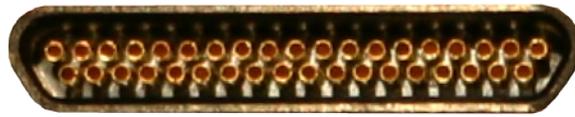
JIN1 Pin Layout

19	Stim 2 Return	28	Animal Ground
18	Stim 2 Source	27	+V HS
17	AD Channel 11	26	-V HS
16	AD Channel 10	25	AD Channel 15
15	AD Channel 9	24	AD Channel 14
14	AD Channel 8	23	AD Channel 13
13	AD Channel 7	22	AD Channel 12
12	AD Channel 6	21	Reference 1
11	AD Channel 5	20	-V HS
10	AD Channel 4		
8	Stim 1 Return		
7	Stim 1 Source		
6	Reference 2		
5	AD Channel 3		
4	AD Channel 2		
3	AD Channel 1		
2	AD Channel 0		
1	+V HS		



JIN2 Pin Layout

19	Stim 2 Return	28	Animal Ground
18	Stim 2 Source	27	+V HS
17	AD Channel 27	26	-V HS
16	AD Channel 26	25	AD Channel 31
15	AD Channel 25	24	AD Channel 30
14	AD Channel 24	23	AD Channel 29
13	AD Channel 23	22	AD Channel 28
12	AD Channel 22	21	Reference 3
11	AD Channel 21	20	-V HS
10	AD Channel 20		
8	Stim 1 Return		
7	Stim 1 Source		
6	Reference 4		
5	AD Channel 19		
4	AD Channel 18		
3	AD Channel 17		
2	AD Channel 16		
1	+V HS		



Technical Specifications:

Size (LxWxH)	38mm x 48mm x 14mm
Weight	15.2g
Signals	<ul style="list-style-type: none"> • 36 Signals Passed Through • 1 Ground Passed Through • Both Stimulus Pairs Passed Through
Connections	Input: (2) HS-18 μ DB37 Connectors Output: Hirose Tether Connection