



Description

The HS-36-PTB is a customized version of the regular Neuralynx HS-36 that substitutes a 36-pin Omnetics connector on the input in place of the 44-pin Omnetics.

36-Pin Omnetics Connector Input

Reference 1		Panel Ground
AD Channel 0		AD Channel 16
AD Channel 1		AD Channel 17
AD Channel 2		AD Channel 18
AD Channel 3		AD Channel 19
AD Channel 4		AD Channel 20
AD Channel 5		AD Channel 21
AD Channel 6		AD Channel 22
AD Channel 7		AD Channel 23
AD Channel 8		AD Channel 24
AD Channel 9		AD Channel 25
AD Channel 10		AD Channel 26
AD Channel 11		AD Channel 27
AD Channel 12		AD Channel 28
AD Channel 13		AD Channel 29
AD Channel 14		AD Channel 30
AD Channel 15		AD Channel 31
Panel Ground		Reference 4

44-Pin Connector Output

Stim 2 Return			Stim 2 Source
-V HS			Panel Ground
Reference 2			Reference 4
AD Channel 15			AD Channel 31
AD Channel 14			AD Channel 30
AD Channel 13			AD Channel 29
AD Channel 12			AD Channel 28
AD Channel 11			AD Channel 27
AD Channel 10			AD Channel 26
AD Channel 9			AD Channel 25
AD Channel 8			AD Channel 24
AD Channel 7			AD Channel 23
AD Channel 6			AD Channel 22
AD Channel 5			AD Channel 21
AD Channel 4			AD Channel 20
AD Channel 3			AD Channel 19
AD Channel 2			AD Channel 18
AD Channel 1			AD Channel 17
AD Channel 0			AD Channel 16
Reference 1			Reference 3
+V HS			Panel Ground
Stim 1 Source			Stim 1 Return

Connector Orientation

AD channels 16-31 on the 36-pin connector are the topmost row when the headstage is on a flat surface and the printing on the Omnetics connector is visible.