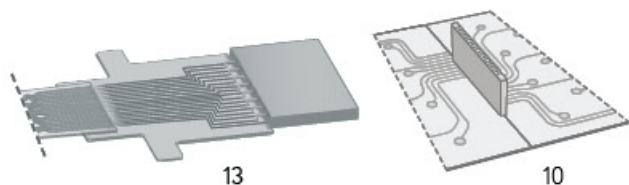


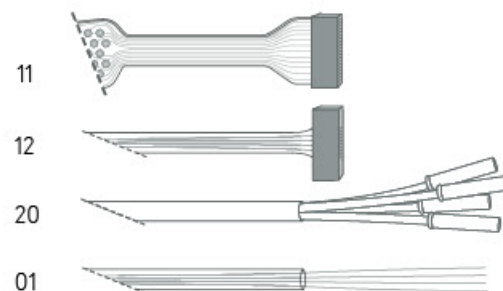
## Connectivity Options

### °AirRay research – Silicone-Based Electrodes



Silicone-based designs offer various interfacing methods to external amplifier or stimulator systems. Omnetics connectors are most common to research applications. Several options are available: The connector can be placed on the grid, with a flat or round cable as an extension in between or on a PCB fortification board.

Flexible solutions for the connection of °AirRay research to external amplifiers and stimulators: wired variations.



Other connector types can be attached upon request. For electrodes with a smaller number of contacts it can be convenient to establish a direct connection via touch-proof plugs for each channel. For optimal flexibility we also offer open cable ends (labeled by channel) for individual ways of establishing the connection.

Connectivity Option	Connection Code
Omnetics – direct to grid	10
Omnetics – with flat cable	11
Omnetics – with round cable	12
Omnetics – on PCB board	13

Connectivity Option	Connection Code
Touch-proof plugs	20
Open cable ends	01
Individual configuration	99

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## Connectivity Options

### Wireless Headstages

Additional solution for the connection of °AirRay research Micro Grids equipped with Omnetics connectors: Wearable headstages for recording and stimulation offered by Multi Channel Systems.



Multi Channel Systems offers a wireless system with 4, 8, 16, or 32 channels for amplification, recording, stimulation and analysis of in-vivo data.

The corresponding headstages perfectly fit °AirRay research. Especially the Micro Grids shown on page 6 are specifically designed to fit the MCS wireless system.

Individual designs are also available. By default, °AirRay research is connected to MCS wireless headstages is established via Omnetics connectors on PCB boards.

For more information about the MCS wireless headstages please visit: [www.multichannelsystems.com/products/wireless-systems](http://www.multichannelsystems.com/products/wireless-systems).

Upon request, we can supply the complete setup consisting of electrodes, wireless headstages and data acquisition system.

**Please contact us for more information!**

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