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Solutions for neurophysiological research

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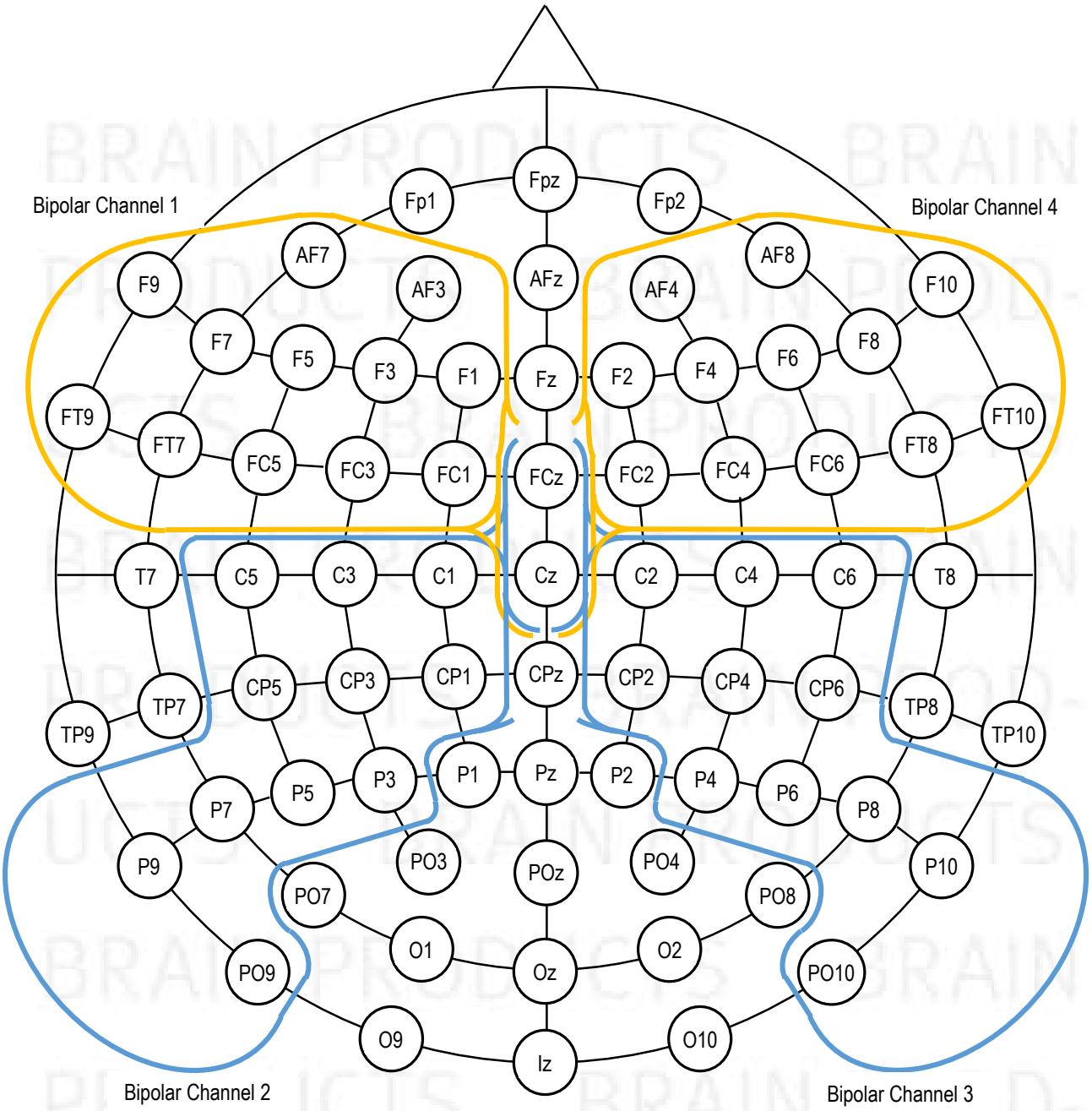
CWL Carbon Wire Loops

Carbon Wire Loops are an Add-On for MR-suited BrainCaps. They allow better artifact correction in 3D space.



The CWLs share the same Gnd-electrode with the unipolar channels of the underlying BrainCap-MR
The 4 loops and Gnd terminate into BrainAmp-ExG, bipolar channels 1-4.
There is a 5k-resistor both at Plus and Minus in the connector plus 150 Ω per meter loop-cable.

Note that the connector box for the CWLs must never be left open during simultaneous EEG-fMRI. It must be connected to the BrainAmp ExG MR or be terminated by using a termination socket (available upon request).

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