



NeuroNexus is pleased to announce a new H-series package. This “hybrid” package is comprised of an A-Style silicon probe, a polymer cable, and an application specific connector assembly.

The H-series replaces the NeuroNexus F-series package which utilized a commercial flex circuit as the cable. Optimized assembly techniques, along with the increased flexibility of the new microfabricated cable, offer a superior package for your chronic implants. This H-series is designed to interface with our new head-mounted microdrive, providing a means to periodically move your implanted NeuroNexus array after implantation.

In addition, the H-series package can be used as an alternative to the current C-style chronic assembly, which includes a silicon probe with integrated silicon cable. The H-series offers unprecedented modularity, providing you the opportunity to choose any A-Style probe for your chronic experiment. The H-Series polymer interconnect also offers improved robustness and flexibility.

Like most NeuroNexus products, a custom design service is available for those customers who have specific requirements not met with catalog devices.

Close Up View of the “Hybrid” Interface



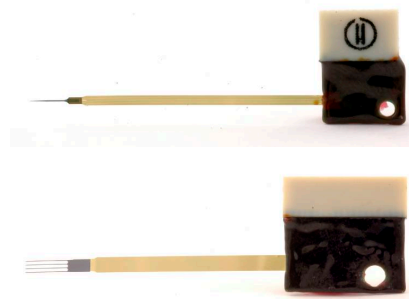
Silicon Probe

Polymer Cable

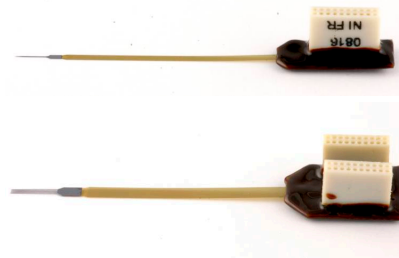
Cable Specifications

Substrate Material	Polyimide
Number of channels	16, 32 or 64
Length	16/32: 21mm 64: 30mm
Thickness	15µm

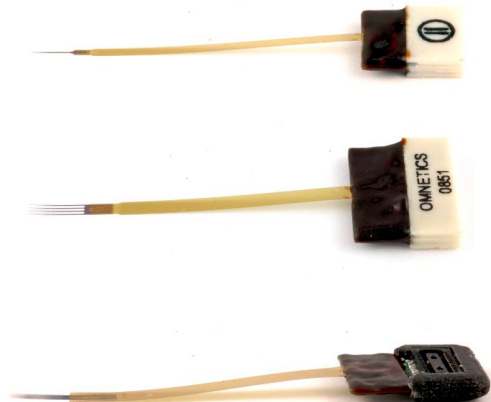
Available Packaging Options



HP16 / HP32 Package
Optimized for narrower implant footprint



HC16 / HC32 Package
Package with percutaneous connectors



H16 / H32 / HZ64 Package
F-Series replacement. Intended for use with microdrive systems.