



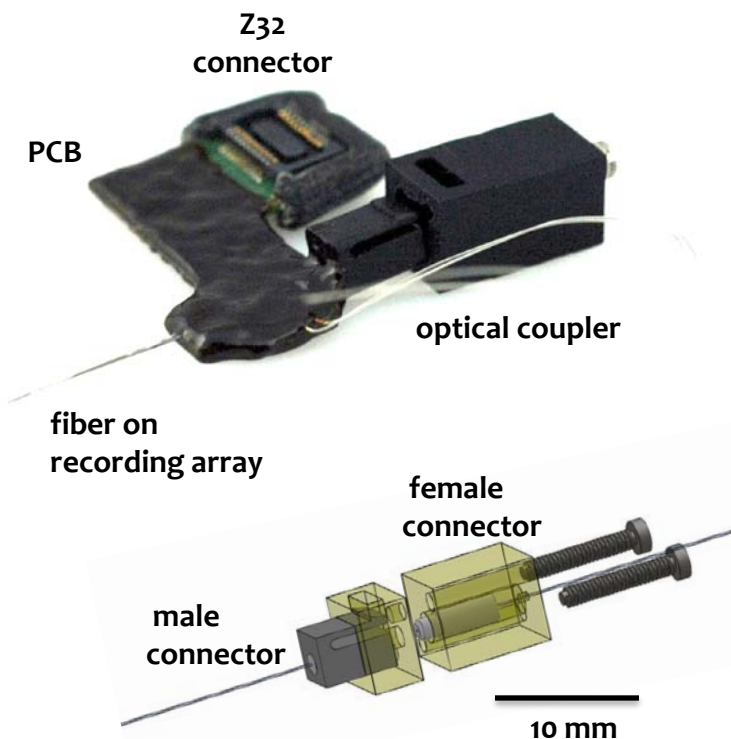
NeuroNexus introduces an “optoelectrode” which combines high density recording with optical stimulation capabilities. Optogenetics is a developing and growing field and we are committed to providing unique product solutions. Our custom optical coupler has a low profile, low weight, and is ideal for behavior studies. It is the smallest coupler available (5 x 5 x 10mm) and provides additional strain relief via an optical rotary joint. All of our acute-style and many of our chronic-style probes can be mounted on the optoelectrode package (O-series).

Acute O-series is an additional ~~\$225~~ ^{\$160 beta} above the probe cost.

Chronic O-series male connector is ~~\$300~~ ^{\$200}. The female coupler and patch cord is ~~\$400~~ ^{\$300}.

Female connector comes with a customized patch cord (length, light source connector) and is reusable.

Chronic Optoelectrode Package



Fiber Optic Components

Connector Details:	
Acute (Lucent)	LC male 4.5 x 6 x 18 mm LC female 7 x 10 x 25 mm
Chronic (NeuroNexus)	male 3 x 3 x 4.5 mm female 5 x 5 x 10 mm
Fiber	Fused silica, 105- μ m core, 125- μ m, multi-mode
Transmission	>90%
Weight (coupler)	< 0.5 g
Termination	FC, LC, or SMA type connector Patch cord length up to 5m

Acute Optoelectrode Package

