

# 2Pin-C20/C34 User Manual

**Carrier body for 2Pin-BNC cables**

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## 1 Document Overview

This document will outline some typical uses for the C20 and C34 2 Pin carrier bodies.

## 2 2Pin-C20/C34 Overview

### 2Pin-C20:

Carrier body (20 position) for 2Pin-BNC cables. This plastic cable holder allows for convenient connection of up to 10 2-Pin BNC cables into a male 20-pin IDC connector. This type of IDC connection is found on the Lynx-8 amplifier input, as well as other Neuralynx products.

### 2Pin-C34:

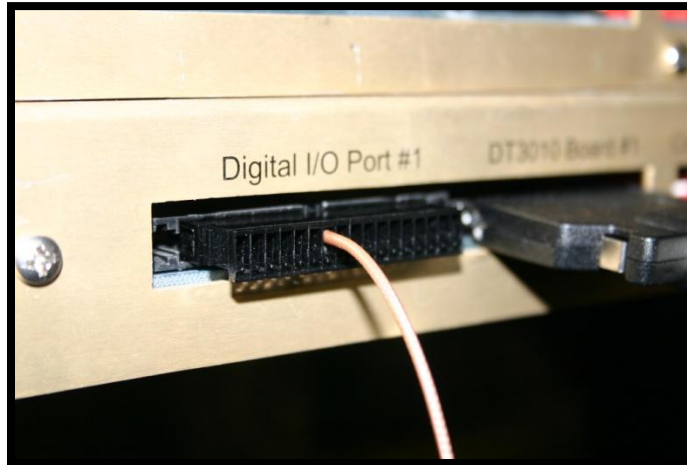
Carrier body (34 position) for 2Pin-BNC cables. This plastic cable holder allows for convenient connection of up to 17 2-Pin BNC cables into a male 34-pin IDC connector. This type of IDC connection is found on the Neuralynx Digital I/O connections, Lynx-8 Monitor connectors, Digital Lynx Parallel Input Port as well as other Neuralynx products.

### 3 Common Uses

The carrier bodies can be a useful tool for manually connecting a 2Pin-BNC to many of the Neuralynx input/output ports. As you will see in the following examples (see figures 1-4). These examples include: Inputting a TTL digital pulse to a Digital Lynx (Figure 1), Inputting or exporting a TTL digital pulse to the Cheetah 32 system (Figure 2), using the monitor port on the Cheetah 32 system to output a signal to an oscilloscope (Figure 3), and finally inputting an analog signal into the Lynx-8 amplifier (Figure 4).



**Figure 1 Digital Lynx Parallel Input Port (2Pin-C34)**



**Figure 2 Cheetah 32 Digital I/O Port (2Pin-C34)**



**Figure 3 Lynx-8 Monitor Output (2Pin-C34)**



**Figure 4 Lynx-8 Analog Input (2Pin-C20)**