



Instruction Sheet

Model Y5002

Interface Cable Assembly

The Y5002 is a custom-built cable that provides an interface between the Y5000 5100 Series Interface and a Fluke Model 5220A Transconductance Amplifier.

NOTE

Since the described cable assembly is custom-built to operate with the Y5000 5100 Series Interface, it is suggested that this instruction sheet be permanently filed with the Y5000 Instruction Manual.

The end of the cable assembly that connects to the Y5000 has two connectors. One is a 36-pin male connector that connects to the digital output (J1 or subsequent odd

numbers), the other a 14-pin male connector that goes to the analog output (J2 or subsequent even numbers). The other end of the cable has a 24-pin male connector that goes to the jack labeled P71 on the Model 5220A rear panel. The pin-to-pin connections in the cable are shown in Figure 1.

The connectors used in the cable assembly are standard items. The 36-pin connector is Fluke Part Number 158451, Manufacturer's Federal Supply Code 71785, and Manufacturer's Part Number 57-30360. The other two connectors, in the same sequence are:

Connector, Male, 14-pin: 272443; 71785; 57-30140
Connector, Male, 24-pin: 272427; 71785; 57-30240.
The quantity for all items is one.

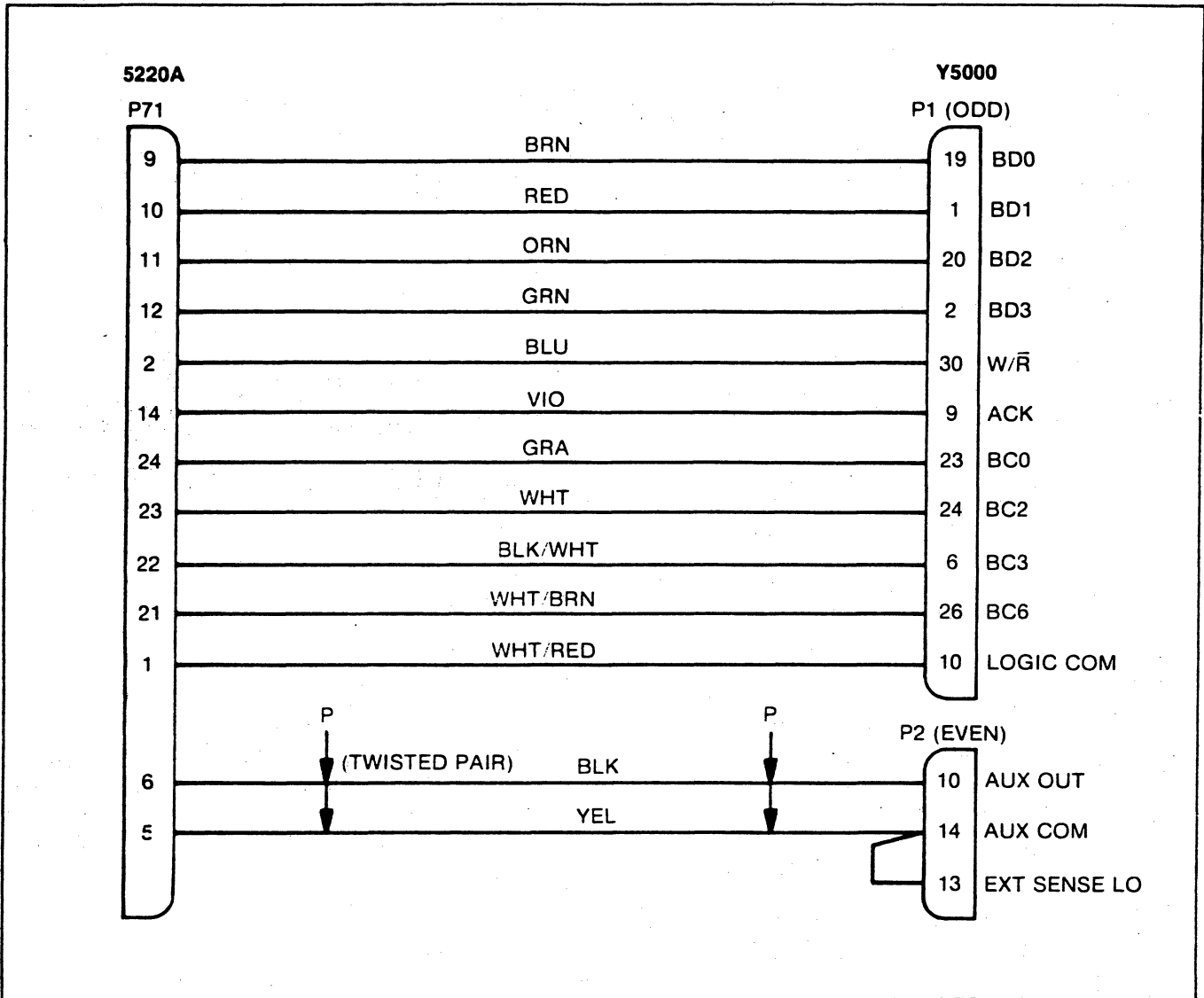


Figure 1. Y5002 Schematic