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> Sukvas CN-0NN2P5 0NN2P5 NN2P5 Flex Clavier Ribbon Wire for DELL Latitude E5520 E6520 Keyboard Connection Cable - (Cable Length: Buy 1 pcs)

YOTON CN-0NN2P5

Instruction Manual

YOTON FLEX RIBBON WIRE FOR DELL LATITUDE E5520 E6520

Model: CN-0NN2P5

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of the YOTON Flex Ribbon Wire, model CN-0NN2P5. This component is specifically designed as a replacement keyboard connection cable for DELL Latitude E5520 and E6520 laptop models. Please read this manual carefully before attempting any installation to ensure proper function and to prevent damage to your device.

2. Product Overview

The YOTON CN-0NN2P5 is a flexible flat cable (FFC) engineered to establish the electrical connection between the keyboard and the motherboard in compatible DELL Latitude laptops. Its design ensures reliable data transmission for keyboard input.

- **Model Number:** For DELL Latitude E5520 E6520 keyboard connection wire
- **Type:** Cable Adapter
- **Product Status:** Stock
- **Package:** No (typically sold as a single component)
- **Cable Length:** Standard length for specified models



Figure 2.1: Front view of the YOTON CN-0NN2P5 Flex Ribbon Wire, showing the flexible cable and connectors. This image highlights the overall shape and design of the ribbon cable.

3. Specifications

Attribute	Detail
Brand	YOTON
Manufacturer	Sukvas
Compatible Devices	DELL Latitude E5520, DELL Latitude E6520 Laptops
Type	Cable Adapter (Flex Ribbon Wire)
Connector Gender	Male-to-Male (for FFC connectors)
Shape	Flat Ribbon
ASIN	B07Q2QXVT4
UPC	795775218391

4. Setup and Installation

Replacing a keyboard ribbon cable requires careful handling of delicate laptop components. It is recommended that this procedure be performed by individuals with experience in laptop repair. Always ensure the laptop is powered off and disconnected from all power sources before beginning.

- Preparation:** Power down your DELL Latitude E5520 or E6520 laptop completely. Disconnect the AC adapter and remove the battery.
- Disassembly:** Carefully follow your laptop's specific service manual or a reliable disassembly guide to access the keyboard and its connection point on the motherboard. This typically involves removing screws, prying

open clips, and detaching other components.

3. **Locate Old Cable:** Identify the existing keyboard ribbon cable. It will be a flat, flexible cable connecting the keyboard to a ZIF (Zero Insertion Force) connector on the motherboard.
4. **Disconnect Old Cable:** Gently lift the small locking tab on the ZIF connector. Once unlocked, the old ribbon cable can be carefully pulled out. *Do not force it.*
5. **Inspect New Cable:** Before installation, inspect the new YOTON CN-0NN2P5 ribbon cable for any signs of damage, bends, or tears.
6. **Connect New Cable:** With the ZIF connector's locking tab still open, carefully insert the new ribbon cable into the connector. Ensure it is fully seated and straight.
7. **Secure Cable:** Gently push down the ZIF connector's locking tab to secure the ribbon cable in place. Verify that the cable is firmly held and cannot be easily pulled out.
8. **Reassembly:** Reassemble your laptop by reversing the disassembly steps. Ensure all components are properly seated and all screws are tightened.
9. **Testing:** Reconnect the battery and AC adapter. Power on the laptop and test all keyboard functions to ensure the new ribbon cable is working correctly.



Figure 4.1: Close-up view of the YOTON CN-0NN2P5 Flex Ribbon Wire, highlighting the gold contact pins on both ends. These pins are crucial for establishing the electrical connection within the laptop's ZIF connector.



Figure 4.2: Detailed view of the YOTON CN-0NN2P5 Flex Ribbon Wire, showing product markings and specifications printed on the cable. This includes the part number and manufacturing details, which can be useful for verification.

5. Operating Instructions

Once the YOTON CN-0NN2P5 Flex Ribbon Wire is correctly installed, its operation is passive. It facilitates the communication between your laptop's keyboard and its internal components. No user interaction with the cable itself is required after installation. The keyboard should function normally as intended by the laptop manufacturer.

6. Maintenance

The YOTON CN-0NN2P5 Flex Ribbon Wire is a sealed component and requires no routine maintenance. To ensure its longevity and proper function:

- Avoid bending or creasing the cable sharply during installation or if handling it outside the laptop.
- Keep the contact pins clean and free from dust or debris.
- Ensure the cable is not pinched or stressed when reassembling the laptop.
- Store any spare cables in a dry, cool place, away from direct sunlight and extreme temperatures.

7. Troubleshooting

If you encounter issues after installing the YOTON CN-0NN2P5 Flex Ribbon Wire, consider the following troubleshooting steps:

- **Keyboard Not Responding:**
 - Ensure the laptop is fully powered on and the operating system has loaded.
 - Recheck the connection of the ribbon cable at the ZIF connector. Power off the laptop, disconnect the battery, open the laptop, and ensure the cable is fully seated and the locking tab is secured.
 - Verify that the ribbon cable itself is not damaged (e.g., torn, creased, or bent pins).
 - Test with an external USB keyboard to confirm if the issue is specific to the internal keyboard or a broader system problem.
- **Certain Keys Not Working:**
 - This could indicate a partial connection issue or damage to specific traces on the ribbon cable. Re-seating the cable as described above may resolve this.
 - If the issue persists, the keyboard itself might be faulty, or the ribbon cable may be defective.
- **Laptop Does Not Power On After Installation:**
 - Immediately disconnect power and battery. Re-open the laptop and carefully check all connections, especially power-related ones, to ensure nothing was accidentally dislodged or shorted during installation.
 - Ensure the battery and AC adapter are properly connected.

If troubleshooting steps do not resolve the issue, it is advisable to seek assistance from a qualified technician or contact customer support.

8. Warranty and Support

For any questions, technical assistance, or support regarding the YOTON CN-0NN2P5 Flex Ribbon Wire, please contact the seller or manufacturer. The manufacturer, Sukvas, provides customer support and typically responds within 12 hours. Please refer to your purchase documentation for specific warranty terms and contact information. You can often find support contact details on the product's original packaging or the online marketplace where it was purchased.