

[Manuals.plus](#) /

› [Wonrabai](#) /

› Wonrabai CSI FPC Flexible Cable for Raspberry Pi 5 - 22Pin to 15Pin - 300mm - User Manual

Wonrabai Pi 5 CSI Flexible Cable

Wonrabai CSI FPC Flexible Cable User Manual

Model: Pi 5 CSI Flexible Cable

INTRODUCTION

This manual provides instructions for the proper use and installation of the Wonrabai CSI FPC Flexible Cable. This cable is designed to connect CSI camera modules to the Raspberry Pi 5, featuring a 22-pin to 15-pin configuration and a length of 300mm (0.98ft).



Image: The Wonrabai CSI FPC Flexible Cable, 300mm in length, designed for connecting CSI camera modules to Raspberry Pi 5.

The cable is shown in a flexible loop, highlighting its design.

SETUP AND INSTALLATION

Follow these steps to correctly connect your CSI camera module to the Raspberry Pi 5 using the flexible cable:

1. **Identify Connectors:** The cable has two different connectors: a 22-pin connector and a 15-pin connector. The 22-pin end is typically for the Raspberry Pi 5, and the 15-pin end is for the CSI camera module.
2. **Connect to Raspberry Pi 5:** Carefully insert the 22-pin end of the flexible cable into the CSI port on your Raspberry Pi 5. Ensure the metallic contacts on the cable align correctly with the pins in the port. The blue tab on the cable should face away from the board. Secure the connector by closing the latch on the Raspberry Pi's CSI port.
3. **Connect to CSI Camera Module:** Insert the 15-pin end of the flexible cable into the corresponding CSI port on your camera module. Again, ensure correct alignment of the metallic contacts and secure the connection with the camera module's latch.
4. **Verify Connection:** Double-check that both ends of the cable are securely seated and latched to prevent intermittent connections or damage.

Application Example

Connecting CSI Camera Module To Raspberry Pi 5



* for reference only, please refer to the Package Content for the detailed part list.

DSI cable and CSI cable are not compatible and cannot be mixed

Image: An illustration demonstrating the connection of the CSI FPC Flexible Cable between a Raspberry Pi 5 board and a CSI camera module. This image serves as a visual guide for proper installation.

Note: DSI cables and CSI cables are not compatible and cannot be mixed. Ensure you are using the correct cable type for your application.

OPERATING INSTRUCTIONS

Once the cable is securely connected, the CSI camera module should be recognized by your Raspberry Pi 5

operating system. Refer to your Raspberry Pi 5 documentation and camera module specific instructions for software configuration and usage.

Ensure the cable is not under excessive tension or bent at sharp angles during operation, as this can damage the internal conductors and affect performance.

MAINTENANCE

The Wonrabai CSI FPC Flexible Cable requires minimal maintenance. To ensure longevity and optimal performance:

- Keep the cable clean and free from dust and debris.
- Avoid sharp bends or kinks in the cable, as this can damage the flexible circuit board.
- Store the cable in a dry, cool environment when not in use.
- Do not apply excessive force when connecting or disconnecting the cable.

TROUBLESHOOTING

If you encounter issues with your CSI FPC Flexible Cable, consider the following:

- **Camera Not Detected:** Ensure both ends of the cable are fully inserted and latched into their respective ports on the Raspberry Pi 5 and the camera module. Check for any visible damage to the cable or connectors.
- **Intermittent Connection:** This can often be caused by a loose connection. Re-seat both ends of the cable firmly.
- **Incorrect Orientation:** Verify that the cable is inserted with the correct orientation. The metallic contacts should face the corresponding pins in the port.
- **Software Issues:** Ensure your Raspberry Pi 5 operating system and camera drivers are up to date. Consult Raspberry Pi documentation for camera setup.
- **Compatibility:** Confirm that your camera module is a CSI type and compatible with Raspberry Pi 5.

SPECIFICATIONS

Feature	Description
Brand	Wonrabai
Model Number	Pi 5 CSI Flexible Cable
Cable Type	CSI FPC Flexible Cable
Connector Type (Pi 5 end)	22-pin
Connector Type (Camera end)	15-pin
Cable Length	300mm (30cm / 0.98ft)
Compatible Devices	Raspberry Pi 5, CSI Camera Modules
Connector Gender	Male-to-Female
Indoor/Outdoor Usage	Indoor, Outdoor

Specifications

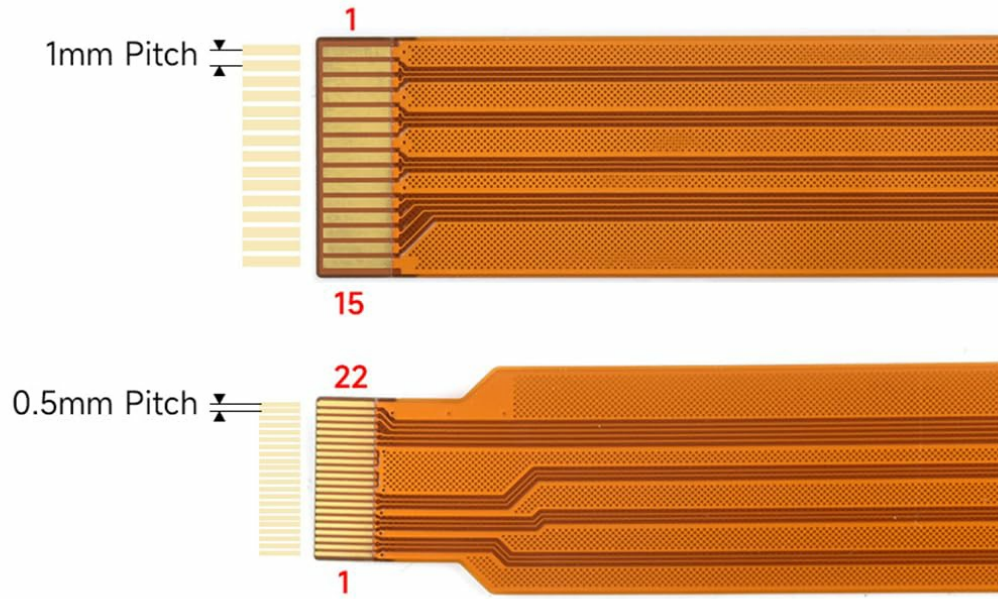


Image: A detailed diagram illustrating the pin pitch specifications for both the 15-pin (1mm pitch) and 22-pin (0.5mm pitch) connectors on the flexible cable, crucial for ensuring correct alignment and compatibility.

PRODUCT VIDEO OVERVIEW

Your browser does not support the video tag.

Video: An official overview video of the Wonrabai CSI Cable, showcasing its features, design, and compatibility. This video provides a visual summary of the product's key aspects and potential applications.

WARRANTY INFORMATION

Specific warranty details for the Wonrabai CSI FPC Flexible Cable are not provided in the product information. For warranty inquiries, please refer to the seller's return policy on the purchase platform or contact Wonrabai customer support directly.

SUPPORT

For further assistance, technical support, or additional product information, please visit the official Wonrabai website or the product detail page on Amazon.com:

- **Amazon Product Page:** <https://www.amazon.com/dp/B0D6G85XV6>
- **Seller Contact:** Wonrabai Electronics (via Amazon)