

[Manuals.plus](#) /

› [chenyang](#) /

› chenyang Flexible Ribbon Flat HDMI Cable (100CM) User Manual

chenyang CY-CN-019-1.0M

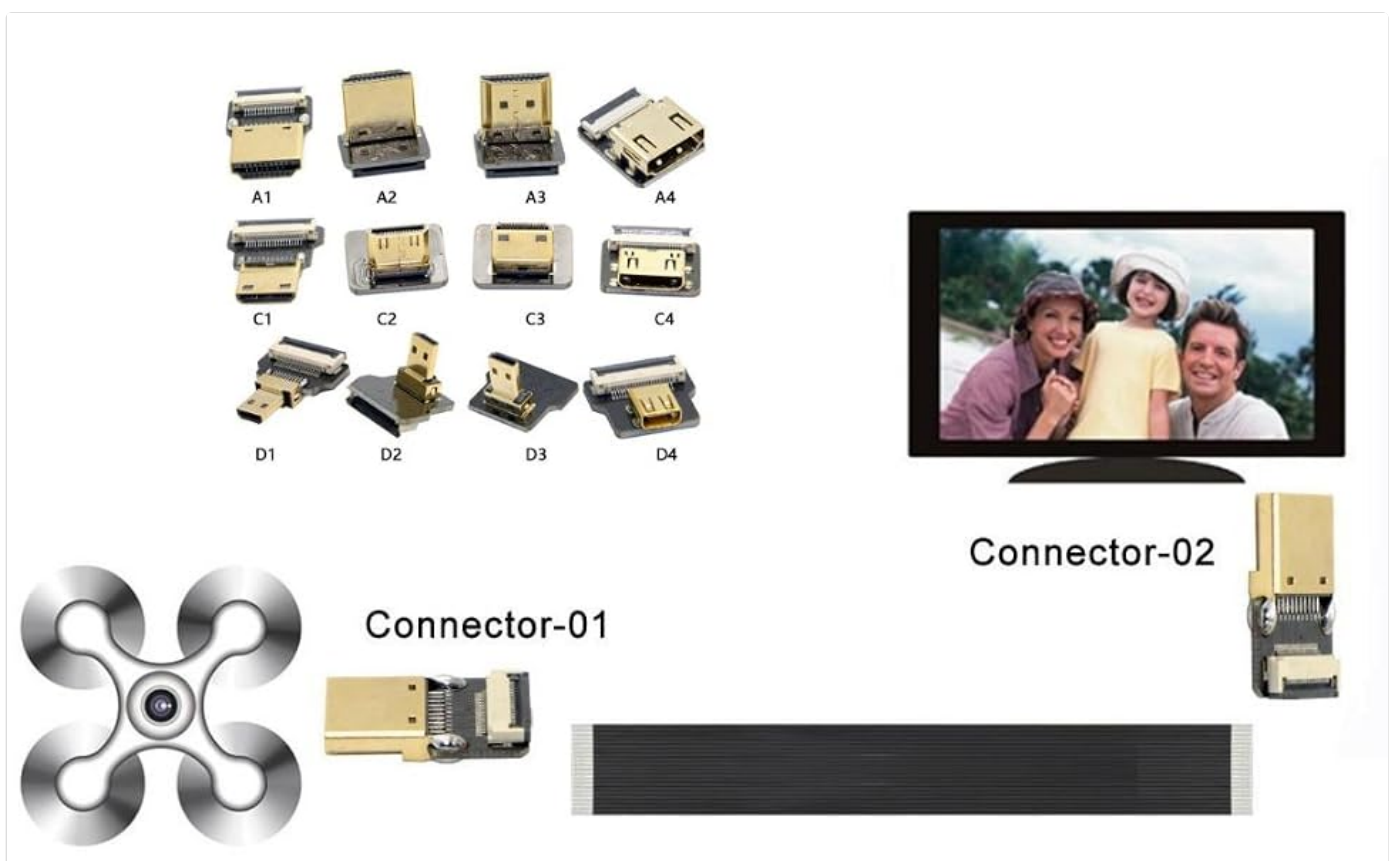
chenyang Flexible Ribbon Flat HDMI Cable (100CM) User Manual

1. PRODUCT OVERVIEW

The chenyang Flexible Ribbon Flat HDMI Cable is a specialized 20-pin cable designed for compact and flexible High-Definition Multimedia Interface (HDMI) connections. With a thickness of 0.3mm and a pitch of 0.5mm, this 1.0-meter (100CM) cable is ideal for applications requiring minimal space and high flexibility.

Key Features and Applications:

- **Ultra-Flexible Design:** Its flat ribbon structure allows for easy routing in tight spaces, such as inside computer cases, gimbals, and drones.
- **Versatile Compatibility:** Suitable for connecting secondary screens, cameras, mini displays, drones, camcorders, gimbals, Raspberry Pi, and GoPro devices.
- **High-Resolution Support:** Supports a maximum resolution of 1920x1080P at 60Hz, ensuring clear video transmission.
- **Durable Construction:** Features a shock-resistant design for enhanced reliability.



This diagram illustrates the flexible ribbon flat HDMI cable connecting a drone to a display. Various HDMI connector types are shown, emphasizing that connectors are not included with the cable and must be purchased separately.

2. IMPORTANT COMPATIBILITY NOTICE

NOTICE: The chenyang flexible ribbon flat cable and its corresponding connectors are designed to work together as a system. They are not guaranteed to be compatible with connectors or cables from other brands. For optimal performance and to ensure functionality, please purchase the chenyang cable and its compatible adapters together.

3. ASSEMBLY INSTRUCTIONS

The flexible ribbon flat cable and the HDMI adapter are shipped separately and require user assembly. Follow these steps carefully to ensure a secure and functional connection.



Visual guide for assembling the FPC cable to the HDMI connector.

- Step 1: Take out the FPC cover.** Gently lift or slide out the small black FPC (Flexible Printed Circuit) cover on the

adapter. This cover secures the ribbon cable.

2. **Step 2: Insert the FPC cable.** Carefully insert one end of the flexible ribbon flat cable into the adapter's socket. Ensure the contact side (the side with exposed metallic contacts) of the FPC cable faces the PCB (Printed Circuit Board) side of the adapter.
3. **Step 3: Lock the cover.** Once the FPC cable is fully inserted, push or slide the FPC cover back into place to lock the cable securely. This prevents the cable from detaching.
4. **Step 4: Repeat for the other end.** Perform the same assembly process for the other end of the flexible ribbon flat cable with the second HDMI adapter.

Ensure both ends are connected in the same orientation to avoid signal issues. Incorrect insertion or an unlocked cover can lead to a poor or non-existent connection.

4. OPERATING INSTRUCTIONS

After successfully assembling the flexible ribbon flat HDMI cable with its adapters, follow these steps to connect your devices:

1. **Connect to Source Device:** Plug one end of the assembled HDMI cable (with its adapter) into the HDMI output port of your source device (e.g., Raspberry Pi, GoPro, drone, camera).
2. **Connect to Display Device:** Plug the other end of the assembled HDMI cable (with its adapter) into the HDMI input port of your display or receiving device (e.g., monitor, secondary screen, TV).
3. **Power On Devices:** Ensure both the source and display devices are powered on.
4. **Verify Connection:** Check your display for the video signal. If no signal appears, refer to the Troubleshooting section.

5. MAINTENANCE

Proper care and maintenance will extend the lifespan of your chenyang Flexible Ribbon Flat HDMI Cable:

- **Handle with Care:** Despite its flexibility, avoid sharp bends, twists, or excessive pulling on the cable, especially near the connectors, as this can damage the internal wiring.
- **Keep Clean:** Regularly clean the cable and connector contacts with a soft, dry, lint-free cloth. Avoid using liquid cleaners directly on the contacts.
- **Storage:** When not in use, store the cable in a clean, dry environment, preferably coiled loosely to prevent kinks.
- **Avoid Extreme Conditions:** Do not expose the cable to extreme temperatures, humidity, or direct sunlight for prolonged periods.

6. TROUBLESHOOTING

If you encounter issues while using your chenyang Flexible Ribbon Flat HDMI Cable, consider the following troubleshooting steps:

- **No Signal or Intermittent Connection:**
 - **Check Assembly:** Ensure both ends of the FPC cable are correctly and fully inserted into their respective HDMI adapters, and that the FPC covers are securely locked. Refer to the Assembly Instructions.
 - **Verify HDMI Connections:** Make sure the HDMI adapters are fully seated in both the source device's output port and the display device's input port.
 - **Test with Another Cable:** If possible, test your devices with a different, known-working HDMI cable to rule out

issues with the source or display device.

- **Compatibility:** Confirm that the cable and adapters are compatible with your specific devices. Remember, this product is designed to work with chenyang brand connectors.

- **Resolution or Display Issues (e.g., 720p instead of 1080p):**

- **Maximum Resolution:** The cable supports a maximum resolution of 1920x1080P at 60Hz. If your device or display is set to a higher resolution or refresh rate, it may not function correctly or may downscale the output.
- **Device Settings:** Check the display settings on your source device (e.g., Raspberry Pi, PC) to ensure the output resolution and refresh rate are within the cable's supported specifications.
- **Cable Length:** While designed for 100CM, longer flexible cables can sometimes be more susceptible to signal degradation, especially with higher resolutions.

7. SPECIFICATIONS

Brand	chenyang
Model Name	CY-CN-019-1.0M
Cable Type	Flexible Ribbon Flat HDMI Cable
Thickness	0.3mm
Pitch	0.5mm
Pin Count	20-Pin
Length	100CM (3.28FT/1.0M)
Connector Type	HDMI (requires separate adapter assembly)
Compatible Devices	PC, secondary screens, cameras, mini displays, drones, camcorders, gimbals, Raspberry Pi, GoPro
Maximum Resolution	1920x1080P @ 60Hz
Special Feature	Shock-resistant
Item Weight	0.458 ounces
Package Dimensions	5.04 x 2.95 x 0.83 inches

8. WARRANTY AND SUPPORT

For detailed warranty information, technical support, or inquiries regarding your chenyang Flexible Ribbon Flat HDMI Cable, please refer to the official chenyang website or contact the retailer from whom you purchased the product. Keep your proof of purchase for any warranty claims.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question