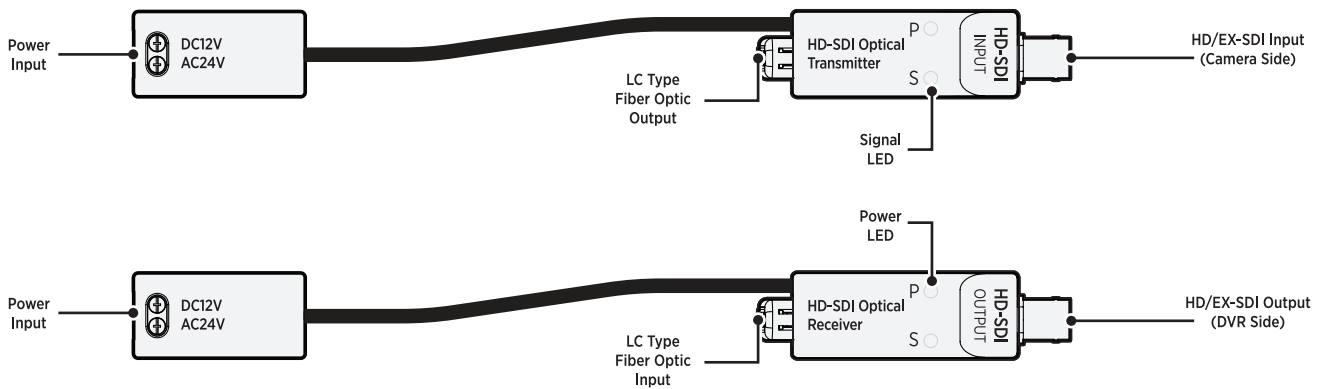


# CE-HD2F02 User Guide

- Included Items:**
- Fiber Optic Transmitter x 1
  - Fiber Optic Receiver x 1
  - 12 Volt Pigtail Adapter x 2
  - Instructions x 1

- Required Items:**
- Single Mode or Multi Mode Fiber Optic Cable with LC Connector
  - DC12V or AC24V Power Supply



## INSTALLATION:

### 1. CAMERA SIDE (Transmitter):

- Connect the HD-SDI or EX-SDI 1.0 output from the camera to the connection marked **HD-SDI Input**.
- Connect Single Mode or Multi Mode fiber optic cable with LC type connection to the **Fiber Optic Output**.
- Connect DC12V or AC24V Power (0.5 Amp - Power supply sold separately) to the power connection marked **DC12V | AC24V (Input)**.

### 2. DVR SIDE (Receiver):

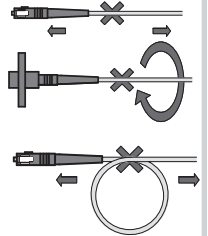
- Connect Single Mode or Multi Mode fiber optic cable with LC type connection to the **Fiber Optic Input**.
- Connect the HD-SDI or EX-SDI 1.0 output from the camera to the connection marked **HD-SDI Output**.
- Connect DC12V or AC24V Power (0.5 Amp - Power supply sold separately) to the power connection marked **DC12V | AC24V (Input)**.

### 3. Check the status of the LED indicators:

- P LED, RED: correct power
- P LED, OFF: incorrect power, check voltage and/or connection
- S LED, RED: good SDI video signal
- S LED, OFF: bad or no video signal, check video connection and SDI signal output type from camera

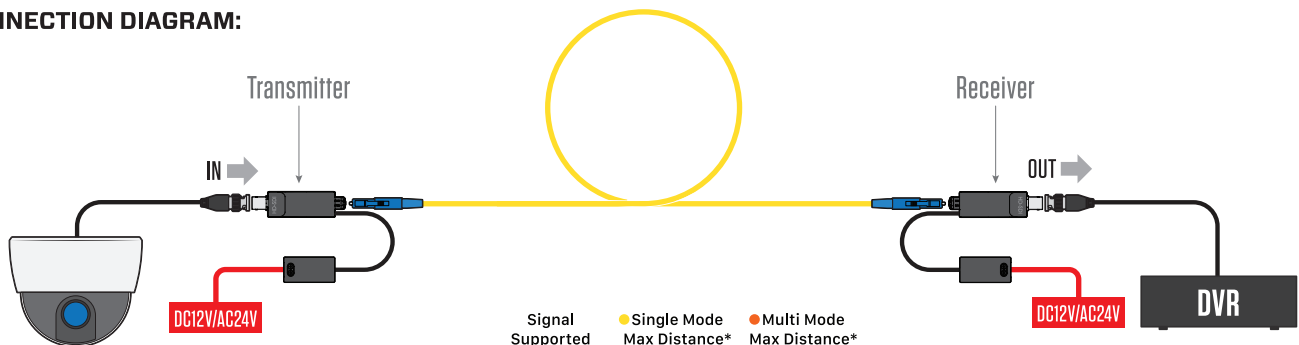
#### Fiber-Optic Cable Best Practices:

- Avoid tight bends at connection.
- Don't pull cable from both ends.
- Don't spin the optical cable while connected to a device.
- Don't knot/kink the optical cable.



**NOTE:** Power must be supplied to both the Transmitter and Receiver. Power supplies sold separately.

## CONNECTION DIAGRAM:



	Signal Supported	Single Mode Max Distance*	Multi Mode Max Distance*
<b>HDSDi 1.5G</b>	✓	12 Miles	0.43 Miles
<b>HDSDi 3G</b>	✓	12 Miles	0.6 Miles
<b>EX-SDI</b>	✓	12 Miles	1.8 Miles
<b>EX-SDI 2G</b>	✗	—	—

\*Distances will vary depending on coax & fiber optic cable type & integrity. Cable splices, couplers and severe kinks will reduce the overall possible distance.