



# Split-Cable Wiring Kit for FastFocus

### *Step-by-Step Instructions for Installing the Wiring Kit for your FastFocus.*

The FastFocus Split-Cable wiring kit produces a uniform diffraction pattern for users of Optec's FastFocus SMFS. This kit is best put on after the FastFocus focuser has been installed on your telescope.



### **Wiring Kit for FastFocus Package Contents**

Confirm the contents of your Wiring Kit for FastFocus SMFS package. The package should contain the following:

- Split-Ethernet cable
- Velcro Cinch Strap
- Four (4) Velcro wire tack pads
- Velcro cover strip
- Spider Wire Holder



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## Split-Cable Wiring Kit for FastFocus



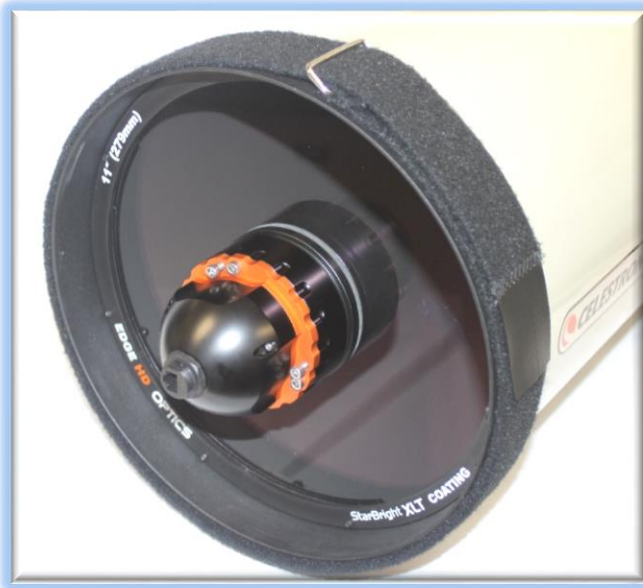
### Installation Procedure: Step-by-Step

**Note:** Be sure your FastFocus SMFS is installed before proceeding with the wiring kit.

#### Step 1

Wrap the Velcro Cinch Strap around the end of the telescope OTA.

**Note:** For use without a dew shield you may wrap at the end of the OTA (left image). For use with a dew shield wrap around tube and in between mounting dovetail (right image).



#### Step 2

Carefully remove the black nut of the end of the FastFocus. Place the Spider Wire Holder on in the orientation you would like the wires and screw back on the black nut to a snug fit. (Recommended as shown)



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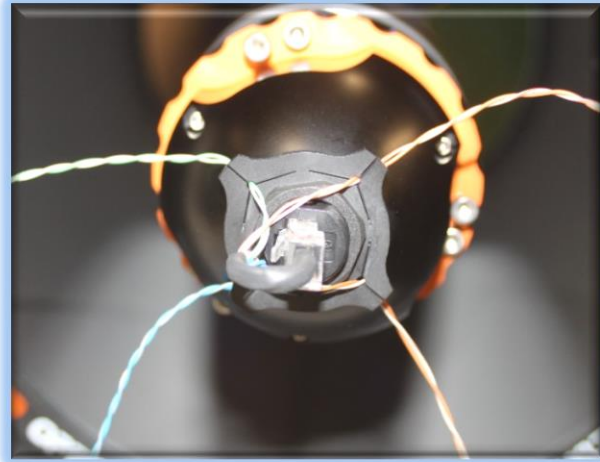
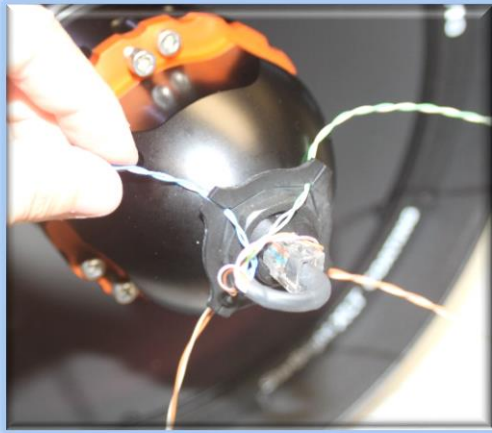


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### Step 3

Plug in the split end of the Ethernet cable to the FastFocus SMFS. The four different pairs of wires are cut to different lengths to fit around the diameter of the OTA. Insert the brown wire pair in one of the bottom clips of the Spider Wire Holder and continue clockwise with the Blue, Green, and Orange wires respectively.



### Step 4

Run each of the four colored wire pairs along the circumference of the OTA on the outside of the Velcro cinch strap and place the four Velcro wire tack pads on top to hold the wires in place 90° apart from each other. The Brown wire goes straight inwards towards the FastFocus, the Blue and Orange wires run 90° around the circumference then inwards, and the Green wire runs 180° around the circumference and then inwards.



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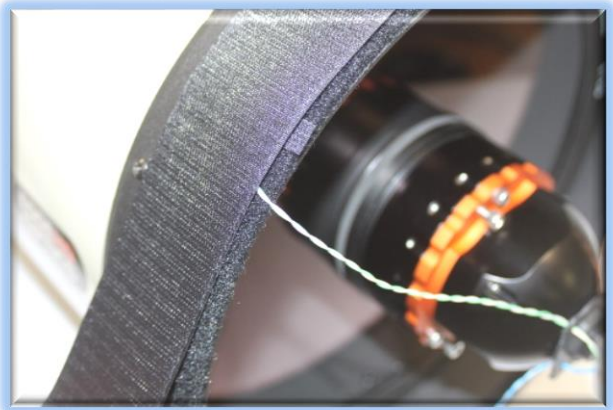


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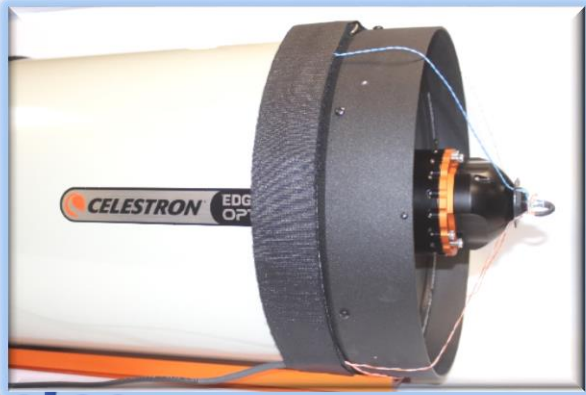
### Step 5

Wrap the Velcro cover strip around the circumference of the OTA over the wires adhering it to the Velcro cinch strap.



### Step 6

You can then run the solid cable back to the FocusLynx control box and power up your FastFocus SMFS, your Wiring Kit installation is complete.



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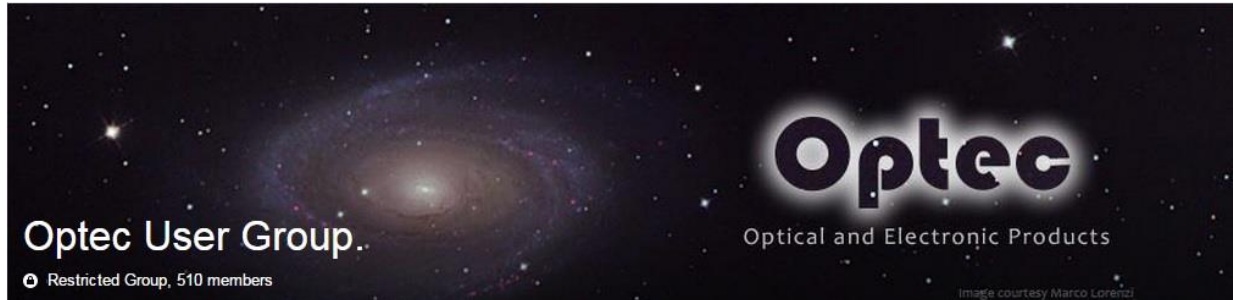


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### Optec User Group

The Optec User Group on Yahoo! can also provide answers to specific configuration questions and provides a forum to communicate with other users. Click the banner below to subscribe.



Or visit the Yahoo! site here: <https://groups.yahoo.com/neo/groups/Optec/info>.



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