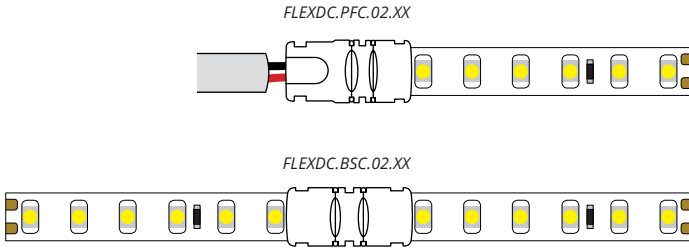


FLEX CONNECT® INSTALLATION GUIDE

FLEXDC.PFC.02.XX & FLEXDC.BSC.02.XX



Please read entire guide prior to starting installation.

NOTES

1. FLEX Connect® is only compatible with IP40 FLEX DC® 15, 22, 30, and 44 products. Installing these products outdoors will void the warranty.
2. Installation must be carried out by a licensed electrician & executed in accordance with local codes.
3. The installing contractor assumes all liability for the safety and code compliance of the installation.
4. Optic Arts® is not liable for any damages caused by improper wiring, driver overloading, driver under-loading, power surges, poor system design or layout, negligence or other conditions.



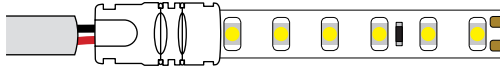
213.250.6069
info@opticarts.com
www.opticarts.com



FLEX CONNECT® INSTALLATION GUIDE

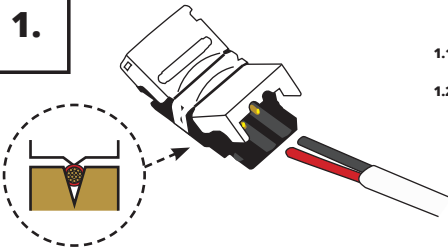
Power Feed Connector

- FLEX.DC.PFC.02.08 (FLEX DC® 15 or FLEX DC® 30)
- FLEX.DC.PFC.02.10 (FLEX DC® 22 or FLEX DC® 44)



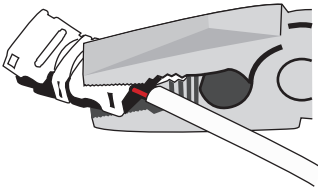
Prior to starting the connector installation, read this entire guide paying especially close attention to section 2.2. This will allow you to plan the orientation of the red and black conductors in the connector based on which end of the FLEX DC® you will be feeding.

1.



1.1 Make sure both sides of FLEX Connect® are open.

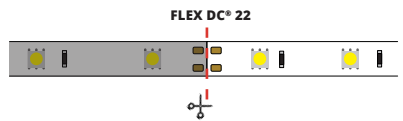
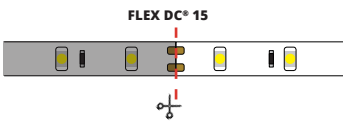
1.2 Strip outer jacket of lead wire and insert red & black wire into grooves. Wires must be centered in grooves and must extend all the way past the insulation displacement contacts.



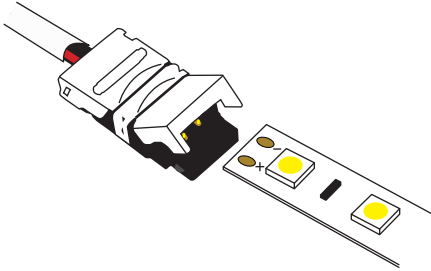
1.3 Using pliers, clamp down gently to lock wires into FLEX Connect®.

2.

2.1 Cut FLEX DC® to desired length. FLEX DC® 1.5, 2.2, and 4.4 must be cut exactly on the cutting marks printed on the boards. FLEX DC® 3.0 must be cut grazing the edge of the solder pad in order to provide enough board for the FLEX Connect® connector to attach to.

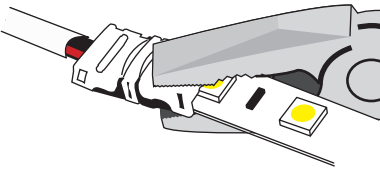


2. (Cont.)



- 2.2** Insert FLEX DC® into the FLEX Connect® connector. Make sure to observe correct polarity by matching the “+” and “-” symbols on the board to the wire colors. Red connects to plus and black connects to minus. FLEX DC® must be inserted all the way into the connector until the board hits the back of the connector housing.

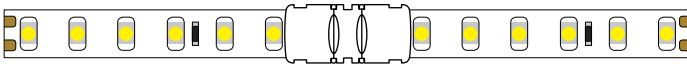
NOTE: FLEX Connect® will not work if solder is found on contact pads. If there is solder on pads, one segment must be cut to make junction possible.



- 2.3** Using pliers, clamp down gently to attach FLEX DC® to FLEX Connect®.
- 2.4** Install supplied VHB Tape square to the back of FLEX Connect® to secure it to the mounting surface.

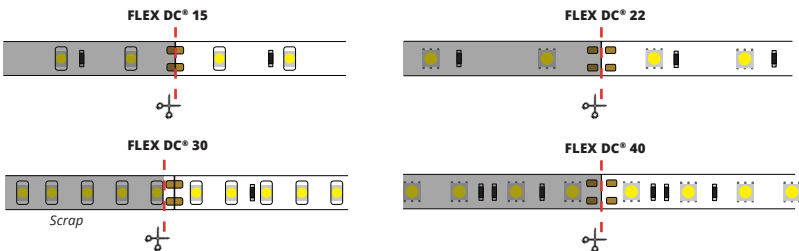
Butt Splice Connector

- FLEX.DC.BSC.02.08 (FLEX DC® 15 or FLEX DC® 30)
- FLEX.DC.BSC.02.10 (FLEX DC® 22 or FLEX DC® 44)



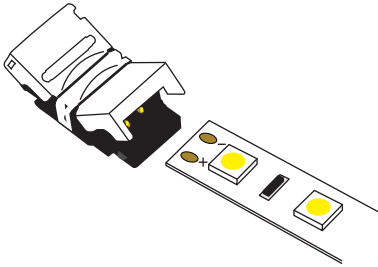
1.

- 1.1** Cut FLEX DC® to desired length. FLEX DC® 1.5, 2.2, and 4.4 must be cut exactly on the cutting marks printed on the boards. FLEX DC® 3.0 must be cut grazing the edge of the solder pad in order to provide enough board for the FLEX Connect® connector to attach to.



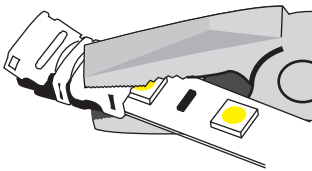
Optic Arts reserves the right to modify this specification without prior notice.

1. (Cont.)



- 1.2** Insert FLEX DC® into the FLEX Connect® connector. FLEX DC® must be inserted all the way into the connector until the board hits the back of the connector housing.

NOTE: FLEX Connect® will not work if solder is found on contact pads. If there is solder on pads, one segment must be cut to make junction possible.



- 1.3** Using pliers, clamp down gently to connect FLEX DC® to FLEX Connect®.

2.

- 2.1** Repeat Step 1 on other end of FLEX Connect®, making sure to observe the correct polarity.
- 2.2** Install supplied VHB Tape square to the back of FLEX Connect® to secure it to the mounting surface.

