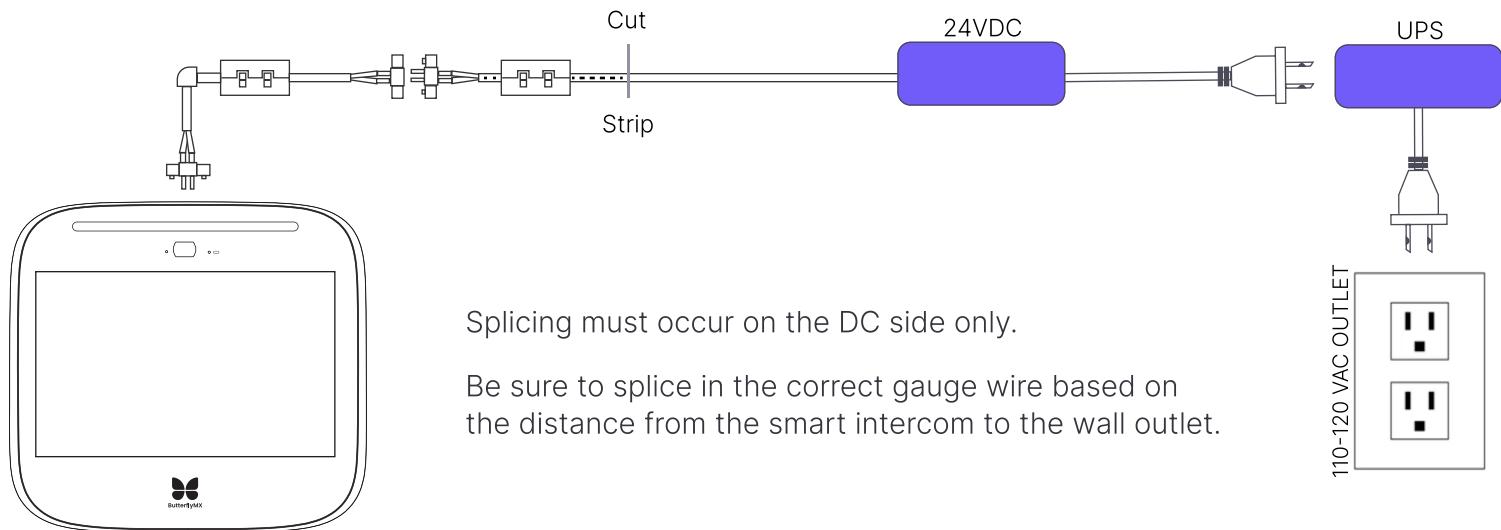


Power Splicing

For the 8" and 12" Intercom



Images are not to scale.



Splicing must occur on the DC side only.

Be sure to splice in the correct gauge wire based on the distance from the smart intercom to the wall outlet.

- 1.** Remove Phoenix Connector from the ButterflyMX power supply cable.
- 2.** Cut and strip close to the end of the cable, past the ferrite bead (if applicable).
- 3.** Splice in appropriate gauge wire and attach the Phoenix Connector to the new end of the power supply cable.
- 4.** Attach to Intercom power dongle and proceed with Intercom installation.

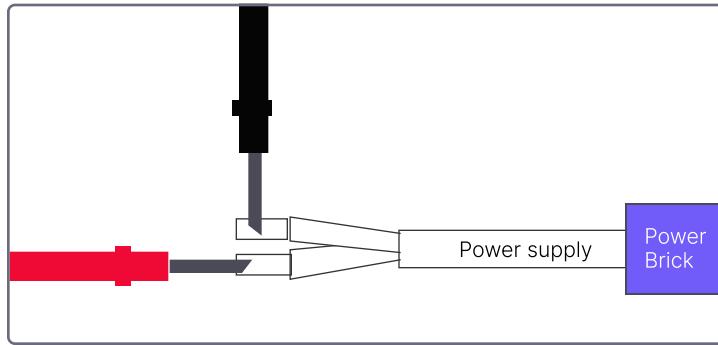
Power Splicing

For the 8" and 12" Intercom



Images are not to scale.

5. After completing the splice, run a multimeter check by inserting the positive probe inside the barrel connector and making contact with the negative probe on the outside of the connector. Check for correct polarity and continuity. Voltage reading must be between 23.5 and 24.5 VDC to properly power the Intercom.



Wire Length & AWG Table for 24V Transformer

If run length exceeds 200 ft,
consider installing a junction box.

Wire Length	AWG
0-50 ft	18 AWG
50-100 ft	16 AWG
100-180 ft	14 AWG
180-300 ft	12 AWG

See ButterflyMX 12" and 8" Intercom
Installation Guide for full installation details.