

Data Cable Replacement Kit for StreetSmart Signs

(PN 1179950601)

Data cable kit (PN 11795650601) is for AlphaEclipse StreetSmart 17X and 35X signs. Use the cables in this kit when replacing driver boards, differential conversion boards, and when it is necessary to replace cables.



Data Cable

Cable number:

- 1 = PN1179120303 — Line one cable - controller-to-differential converter, 21”
- 2 = PN1179120304 — Line two cable - controller-to-differential converter, 25”
- 3 = PN1179120306 — Line three cable - controller-to-differential converter, 36”
- 4 = PN1179120307 — Line four cable - controller-to-differential converter, 50”
- 5 = PN1179120307 — Line five cable - controller-to-differential converter, 50”
- 6 = PN11759327 — Line six cable - controller-to-differential converter, 85”
- 7 = PN1179120307 — Driver-to-driver between two even line cases, 50”
- 8 = PN1179120305 — Driver-to-driver between two odd line cases, 32”
- 9 = PN1179120302 — Driver-to-driver in a single case, 15”

Figure 1: Sample data cable

WARNING! Hazardous voltage. Contact with high voltage may cause death or serious injury. Always disconnect power to unit prior to servicing.

Notice: Observe appropriate precautions to prevent electrostatic discharge (ESD) or “static” damage to the replacement part. For safe handling of ESD-sensitive parts, see TechMemo #00-0005.

⇒ To replace cables

1. Remove power from the sign.

Note: All power switches must be in the OFF position to remove power from the sign. On a two or more line sign, lines one, three, and five have power switches that must be turned off prior to servicing.

2. Open the case door in front of the cable.

- Using a 5/32-inch hex tool, remove the four hex screws on the sign door in front of the cable.

Note: Screw counts and placement may vary.

- Carefully pull the door back.



5/32-inch hex tool
(pn 68117076)

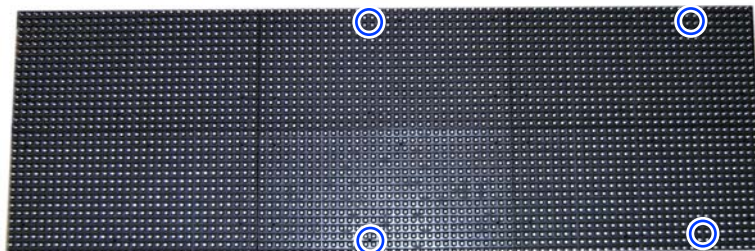


Figure 2: Hex screw locations

- For lines 1 and 2, locate and disconnect the turbo ribbon cables.

Note: For turbo ribbon cable locations on a 3, 4, 5, or 6 line sign, see steps 5 and 6.

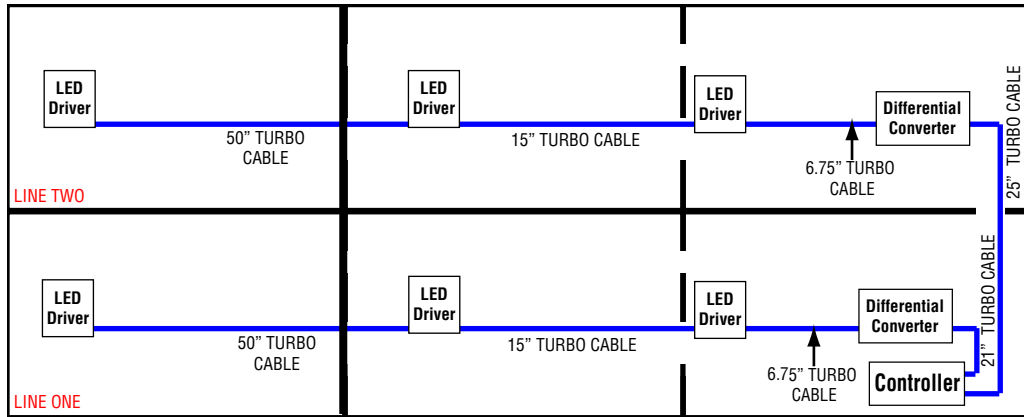


Figure 3: Cables for lines one and two

- For lines 3 and 4, locate and disconnect the turbo ribbon cables.

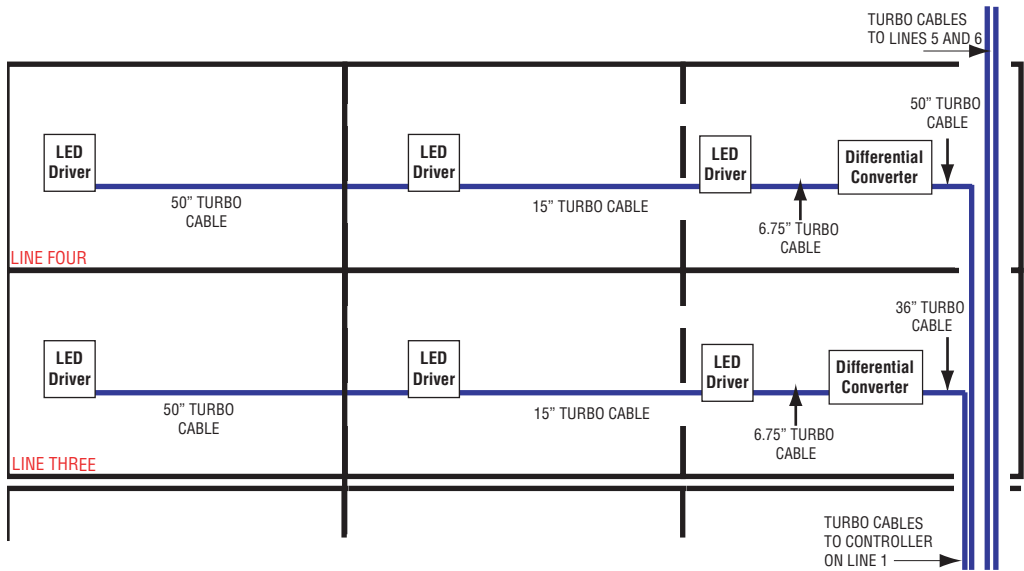


Figure 4: Cables for lines three and four

- For lines 5 and 6, locate and disconnect the turbo ribbon cables.

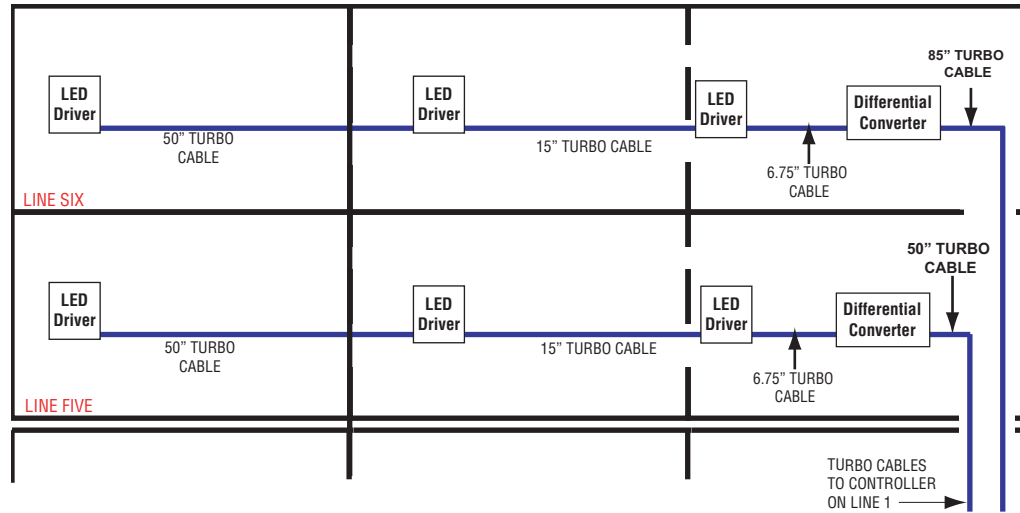


Figure 5: Cables for lines five and six

- Install the replacement cable.
- Close the sign door.
- Apply power to the sign.

THIS PAGE INTENTIONALLY BLANK