



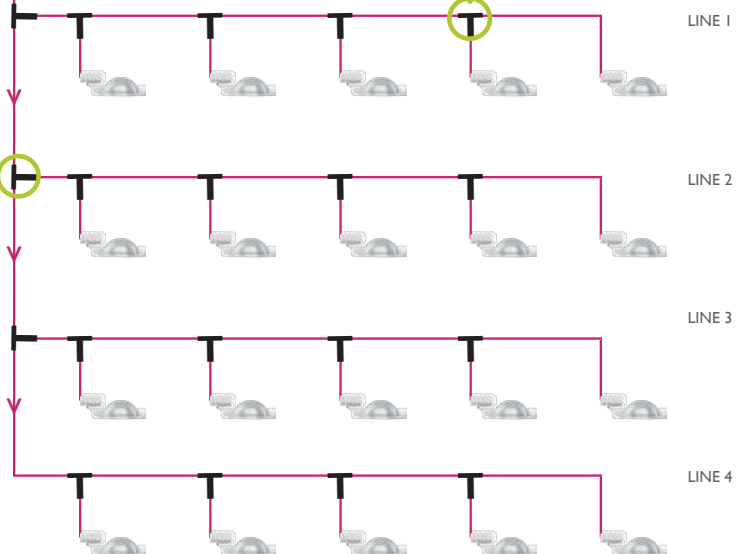
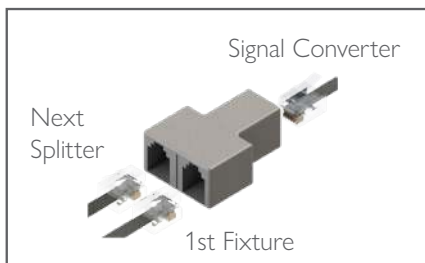
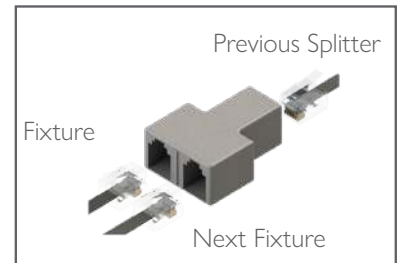
0-10V
CONTROL SYSTEM



P.L. LIGHT IQ
DIGITAL CONVERTER

0-10V Analog Signal IN

Digital Signal OUT



Max 50 Luminaires Per Line
Max Line Length 200m (≈656ft)
Max 4 Lines Per Signal Converter



Note: All RJ12 connector cables* and T-splitters will need to be purchased separately.

*Refer to the RJ12 cable buying guidelines on next page



Warning! When connecting the luminaire(s) to the converter, always ensure the luminaire(s) is disconnected from the power source.

Buying Guidelines: RJ11 / RJ12 Connector Cable(s)

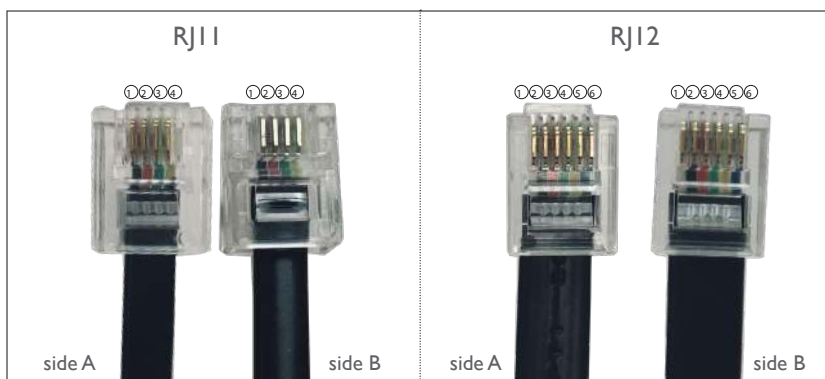
When purchasing additional cables to connect your controllable NXT-LP luminaires within a line, you will need to ensure that they are “straight through”^{*} cables with either RJ11 (6P4C[‡]) or RJ12 (6P6C[‡]) connectors.

RJ11/RJ12 connector cables are readily available from telecommunications and electronics retailers, but may not always be clearly identified as “RJ11” / “RJ12” or “straight through” in the descriptor/ packaging.

Use the following guidelines to ensure you are purchasing the correct connector cable for your controllable NXT-LP luminaires:

- 1 Ensure the cable has matching 6 position connectors on either end and that the connectors are designated as either RJ11 or RJ12.

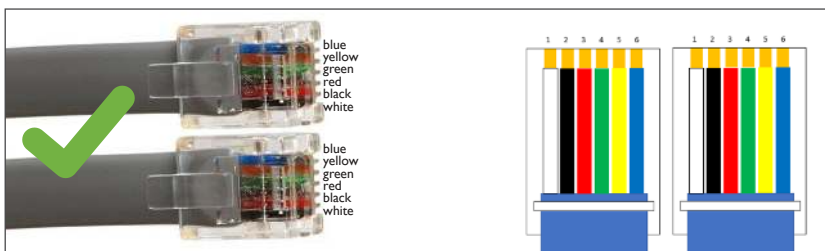
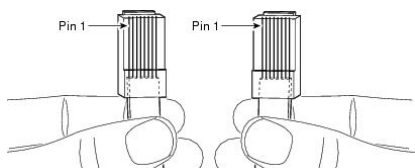
◆ **Note:** Both RJ11 and RJ12 connectors can accommodate up to 6 connection pins, but only 4 pins will be present in the RJ11 vs. 6 pins in the RJ12.



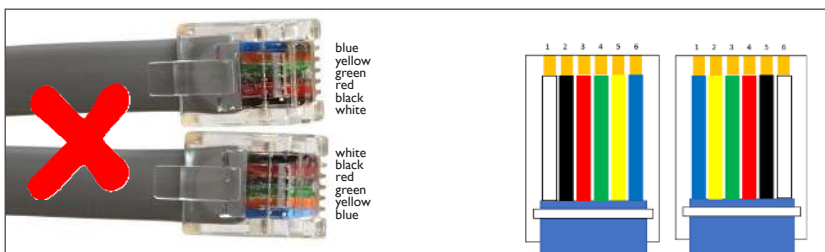
- 2 Ensure the cable is wired straight through i.e. the wires in the RJ connector are connected in the same order on both ends of the cable.

◆ **Note:** The color of the wires may vary, just ensure that the relevant order corresponds.

◆ **Note:** Ensure that you are holding both connectors in the same orientation (i.e. both clips facing away from you or both clips facing towards you) when comparing the order of the wires.

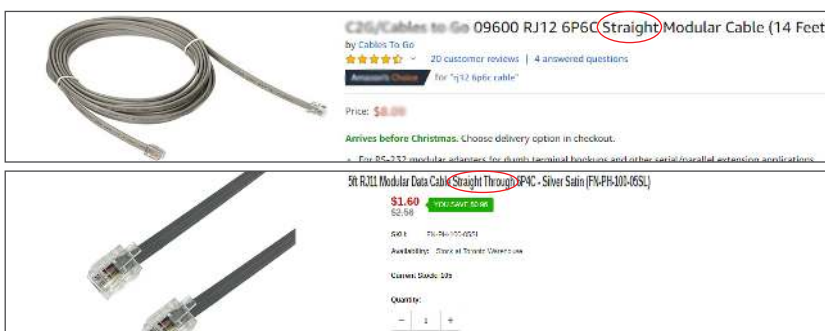


straight cable



reverse cable

- 3 Look for the word(s) “straight” or “straight through” in the cable descriptor.



^{*}straight through cable = wires are terminated to the pins on both ends of the cable

[‡]6P6C = 6 position; 6 conductor

[‡]6P4C = 6 position; 4 conductor