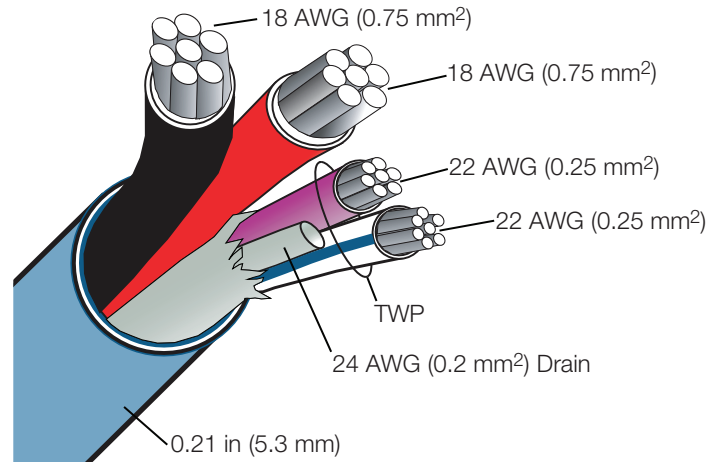


## GRX-CBL-346S Cable

Non-Plenum rated cable for use with the following Lutron systems:

- GRAFIK Eye 3000
- GRAFIK Eye 4000
- GRAFIK Eye QS
- LCP128
- Softswitch128
- Quantum
- Athena
- HomeWorks
- Energi Savr Node
- Sivoia QS, Sivoia QS Wireless, and Contract Roller QS



### Specifications

- Model number:  
GRX-CBL-346S-500 – 500 ft (150 m) spool
- Listed as type CL3R or CMR cULus.
- Five stranded conductors:
  - Common – 18 AWG (0.75 mm<sup>2</sup>)
  - Power – 18 AWG (0.75 mm<sup>2</sup>)
  - MUX Data – 22 AWG (0.25 mm<sup>2</sup>)
  - MUX Data – 22 AWG (0.25 mm<sup>2</sup>) } Twisted wire pair
  - Drain Wire – 24 AWG (0.2 mm<sup>2</sup>)\*
- Total outer jacket diameter: 0.21 in (5.3 mm).
- 300 V rated.
- PVC sheath, 75 °C rated.
- UL Listed.
- Rated FT4.
- cULus or CSA Listed.
- CPR Classification: E<sub>CA</sub>
- Capacitance of 22 AWG (0.25 mm<sup>2</sup>) twisted wire pair:
  - Conductor to shield: 48 pf/ft max
  - Conductor to conductor: 25 pf/ft max

Note: Control link wiring distance maximums and other limitations for GRX-CBL-346S cable are the same as those for GRX-PCBL-346S (plenum rated) cable and QS-CBL-LSZH (low-smoke zero-halogen rated) cable. Please refer to the Product Specification Submittal Sheets or Product Installation Guides at [www.lutron.com](http://www.lutron.com) for details.

\* Drain wire is not stranded.

Job Name:

Model Numbers:

Job Number:

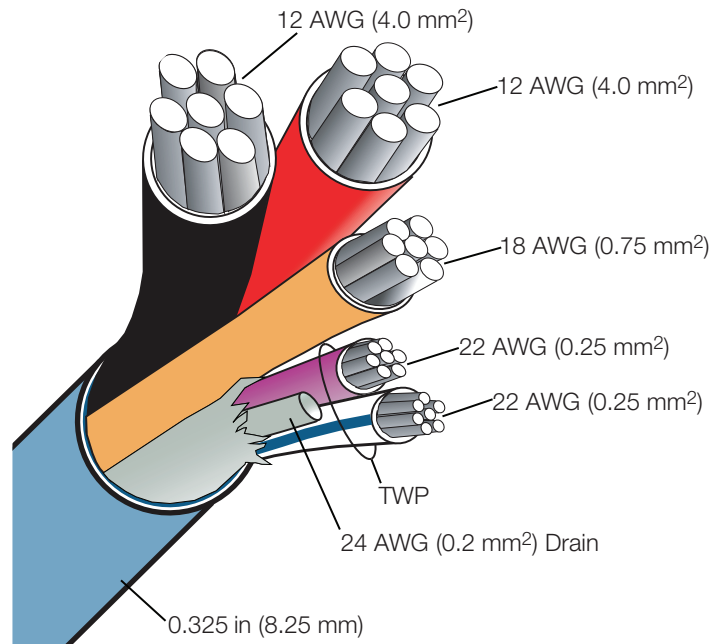
## GRX-CBL-46L Cable

Non-Plenum rated cable for use with the following Lutron systems:

- GRAFIK Eye 3000
- GRAFIK Eye 4000
- GRAFIK Eye QS
- LCP128
- Softswitch128
- Quantum
- Athena
- HomeWorks
- Energi Savr Node
- Sivoia QS, Sivoia QS Wireless, and Contract Roller QS

### Specifications

- Model numbers:
  - GRX-CBL-46L-250 – 250 ft (75 m) spool
  - GRX-CBL-46L-500 – 500 ft (150 m) spool
- Listed as type CL3R or CMG cULus.
- Six stranded conductors:
  - Common – 12 AWG (4.0 mm<sup>2</sup>)
  - Power – 12 AWG (4.0 mm<sup>2</sup>)
  - MUX Data – 22 AWG (0.25 mm<sup>2</sup>)
  - MUX Data – 22 AWG (0.25 mm<sup>2</sup>) } Twisted wire pair
  - Sense Line – 18 AWG (0.75 mm<sup>2</sup>)
  - Drain Wire – 24 AWG (0.2 mm<sup>2</sup>)\*
- Total outer jacket diameter: 0.325 in (8.25 mm).
- 300 V rated.
- PVC sheath, 75 °C rated.
- UL Listed.
- Rated FT4.
- cULus or CSA Listed.
- CPR Classification: E<sub>CA</sub>
- Capacitance of 22 AWG (0.25 mm<sup>2</sup>) twisted wire pair:
  - Conductor to shield: 48 pf/ft max
  - Conductor to conductor: 25 pf/ft max



Note: Control link wiring distance maximums and other limitations for GRX-CBL-46L cable are the same as those for GRX-PCBL-46L (plenum rated) cable. Please refer to the Product Specification Submittal Sheets or Product Installation Guides at [www.lutron.com](http://www.lutron.com) for details.

\* Drain wire is not stranded.

Job Name:

Model Numbers:

Job Number:

## QSH-CBL-L-500 Cable

Non-Plenum rated cable for use with the following Lutron systems:

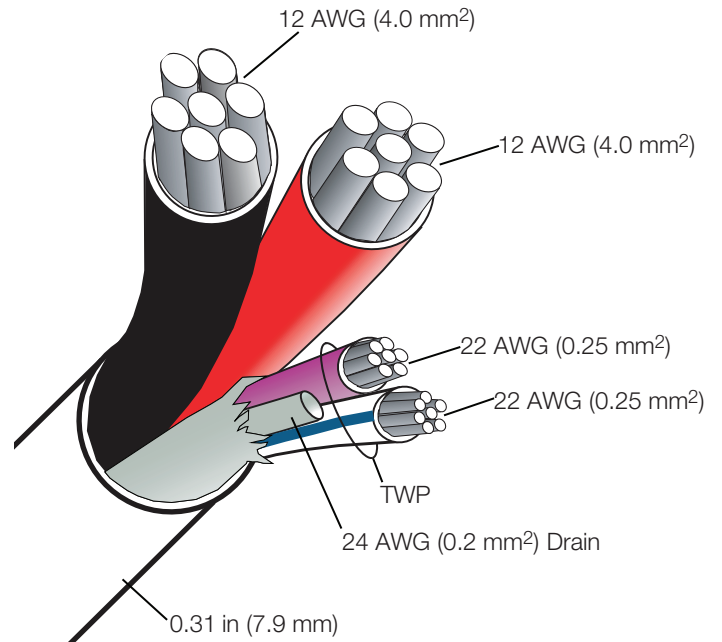
- GRAFIK Eye 3000
- GRAFIK Eye 4000
- GRAFIK Eye QS
- LCP128
- Softswitch128
- Quantum
- Athena
- HomeWorks
- Energi Savr Node
- Sivoia QS, Sivoia QS Wireless, and Contract Roller QS

### Specifications

- Model number:  
QSH-CBL-L-500 – 500 ft (150 m) spool
- Listed as type CL3R.
- Five stranded conductors:
  - Common – 12 AWG (4.0 mm<sup>2</sup>)
  - Power – 12 AWG (4.0 mm<sup>2</sup>)
  - MUX Data – 22 AWG (0.25 mm<sup>2</sup>)
  - MUX Data – 22 AWG (0.25 mm<sup>2</sup>) } Twisted wire pair
  - Drain Wire – 24 AWG (0.2 mm<sup>2</sup>)\*
- Total outer jacket diameter: 0.31 in (7.9 mm).
- 300 V rated.
- PVC sheath, 90 °C rated.
- UL Listed.
- Rated FT6.
- CPR Classification: E<sub>CA</sub>
- Capacitance of 22 AWG (0.25 mm<sup>2</sup>) twisted wire pair:
  - Conductor to shield: 37 pf/ft max
  - Conductor to conductor: 21.5 pf/ft max

Note: Please refer to the Product Specification Submittal Sheets or Product Installation Guides at [www.lutron.com](http://www.lutron.com) for control link wiring distance maximums and other limitations.

\* Drain wire is not stranded.



Job Name:

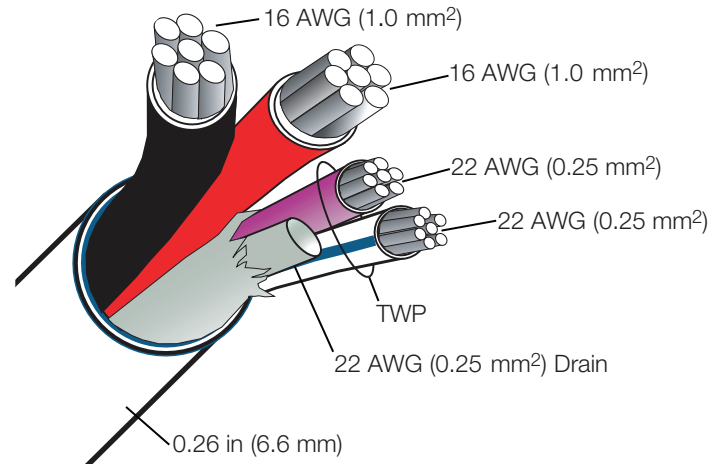
Model Numbers:

Job Number:

## QSH-CBL-M-500 Cable

Non-Plenum rated cable for use with the following Lutron systems:

- GRAFIK Eye 3000
- GRAFIK Eye 4000
- GRAFIK Eye QS
- LCP128
- Softswitch128
- Quantum
- Athena
- HomeWorks
- Energi Savr Node
- Sivoia QS, Sivoia QS Wireless, and Contract Roller QS



### Specifications

- Model number:  
QSH-CBL-M-500 – 500 ft (150 m) spool
- Listed as type CL3R or CMR cULus.
- Five stranded conductors:
  - Common – 16 AWG (1.0 mm<sup>2</sup>)
  - Power – 16 AWG (1.0 mm<sup>2</sup>)
  - MUX Data – 22 AWG (0.25 mm<sup>2</sup>)
  - MUX Data – 22 AWG (0.25 mm<sup>2</sup>) } Twisted wire pair
  - Drain Wire – 22 AWG (0.25 mm<sup>2</sup>)\*
- Total outer jacket diameter: 0.26 in (6.6 mm).
- 300 V rated.
- PVC sheath, 90 °C rated.
- Rated FT6.
- cULus Listed.
- CPR Classification: E<sub>CA</sub>
- Capacitance of 22 AWG (0.25 mm<sup>2</sup>) twisted wire pair:
  - Conductor to shield: 37 pf/ft max
  - Conductor to conductor: 23.9 pf/ft max

Note: Please refer to the Product Specification Submittal Sheets or Product Installation Guides at [www.lutron.com](http://www.lutron.com) for control link wiring distance maximums and other limitations.

\* Drain wire is not stranded.

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### **LUTRON** SPECIFICATION SUBMITTAL

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