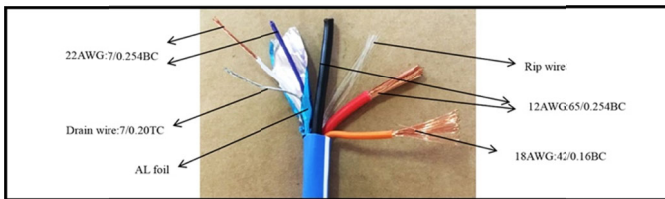


# Lutron Cable

## 1-Pair 22AWG/2C W/Shield & Drain 1-Pair 12AWG/2C + 18AWG/1C

### Cable Detail



### Approval



### Description

- (1) 22 AWG 2 Conductor with Shield & Drain + (1) 12 AWG 2 Conductor + (1) 18 AWG 1 Conductor

### Applicable Standards

- Power-limited circuit cables for use a fixed wiring within buildings (some are also marked for direct burial) principally for class 3 and class 2 circuits.

### Usage & Environmental Condition

| Electric data at 20 °C         |                          |
|--------------------------------|--------------------------|
| Conductor resistance(18AWG)    | ≤ 21.9 Ω/km              |
| Conductor resistance(12AWG)    | ≤ 5.41 Ω/km              |
| Conductor resistance(22AWG)    | ≤ 55.4 Ω/km              |
| Rated Voltage                  | 300 (V)                  |
| Testing Voltage                | Wire/wire 50Hz1min=1.5KV |
| Insulation resistance          | ≤ 50 MΩ/km               |
| Rated Temperature (°C)         | 75                       |
| Product Standard Certification | c(UL)CL3                 |
| Flame Test                     | FT4                      |

### Physical Characteristics

| Component A                     | 1C                                     |
|---------------------------------|--|
| Conductor                       | Standard Bare Copper                   |
| Construction                    | 18AWG:42/0.16±0.004mm                  |
| <b>Insulation Material</b>      | <b>SR-PVC Material</b>                 |
| Insulation Diameter (+- mm)     | Ø1.9±0.1mm                             |
| Component B                     | 2C                                     |
| Conductor                       | Stranded Bare Copper                   |
| Construction                    | 12AWG:65/0.254±0.004mm                 |
| <b>Insulation Material</b>      | <b>SR-PVC Material</b>                 |
| Insulation Diameter (+- mm)     | Ø2.9±0.1mm                             |
| Component C                     | 2C                                     |
| Conductor                       | Stranded Bare Copper                   |
| Construction                    | 22AWG:7/0.254±0.004mm                  |
| <b>Insulation Material</b>      | <b>SR-PVC Material</b>                 |
| Insulation Diameter (+- mm)     | Ø1.3±0.1mm                             |
| <b>Drain Wire</b>               | <b>7/0.20±0.004mm</b><br>Tinned Copper |
| <b>Shield</b>                   | <b>Al foil overlapped</b>              |
| Component A.B.C. Cable together |  |
| <b>Jacket Material</b>          | <b>PVC</b>                             |
| Nominal Thickness (mm)          | 0.65                                   |
| Diameter                        | 5.80                                   |
| Ripcord                         | 210Dx6 nylon thread                    |

### Colors

- Insulation Color  
Component A : Orange / Component B : Black & Red / Component C : White, Purple
- Jacket Color  
Blue with White Stripe

### Part Number

LUTRON-46/QSL/1000

### Package

- 1000FT / 80 LBS / REEL

### Cable Marking

LUTRON-46/QSL/1000 CABLE FOR LUTRON CABLE SYSTEMS 12AWG 2C + 18AWG 1C + 22AWG 2C SHIELDED  
EXXXXXXXXXX CL3 C(UL) CMG FT4 75C RoHS ZONE/DEVICE  
A B C D E 0 1 2 3 4 5 6 7 8 9 \*\*\*\*FT