

## Specification & Technical Data Sheet

Part Number: RWC-PLUTRON-QS1

16-2 UNS + 22-2 OAS CMP - QUANTUM SYSTEM MEDIUM (QSH-PCBL-M)

### 1. Conductor

- AWG Size: 22/16
- Type: Stranded Bare Copper

### 2. Insulation

- Material: 22/2=Fluoropolymer; 16/2=Plenum
- Wall Thickness: 0.010"
- Color Code: 22awg = 1-Violet; 2-White; 16awg = 1-Black; 2-Red

### 3. Assembly

- Cable Lay Length:
- Shield: Partially (22awg = Shielded)
- Drain: 24awg 7 Strand Tinne Copper (22awg)
- Braid:

### 4. Jacket

- Material: Plenum
- Wall Thickness: 0.023"
- Diameter: 0.225"
- Color: White w/ Purple Stripe
- Ripcord: Yes
- Weight: 42.0000 lbs/Mft.

### 5. Markings

- Type: Inkjet Printer
- Legend: LUTR SYSTEM CONTROL - 22AWG 2C SHIELD + 16AWG 2C E11 C(UL)US CMP - FT6  
MADE IN USA ROHS COMPLIANT
- Footage Markers: Yes

### 6. Electricals

- Impedance: 84.0  $\Omega$ /Mft. (16/2 = 69  $\Omega$ /Mft.)
- Capacitance: 15.3 pF/ft +/- 10% (16/2 = 26.9 pF/f +/- 10%)
- DC Resistance: 17.50  $\Omega$ /Mft. @ 20°C (16/2 = 4.35  $\Omega$ /Mft. @ 20°C)

### 7. Standards

- UL 444 CMP by (UL) / NEC Article 800 / CSA C22.22 by C(UL)
- All materials used in the manufacture of this cable are RoHS II & REACH compliant
- Maximum Operating Voltage: 300V RMS
- NFPA 262 (UL 910)
- For Medium Distance Controls for Lighting and Shade Controllers
- Made in the USA

