



Structured Cable Products®

Quality Installations Deserve Quality Products

www.scpcat5e.com
 sales@scpcat5e.com
 Direct: 954-327-5770
 Toll Free: 866-470-5742

SCP PART#: LUT-BLUE-LSZH

UPC : 817777012248

Description:

Lutron* Compatible Control Cable - Low Smoke Zero Halogen - Compare to GRX-CBL-46L-500-2C/12 AWG Stranded BC + 1C/18 AWG Stranded BC + 2C/22 AWG Stranded Shielded AL Foil + Drain, EN50575:2014 Eca - LSZH JKT- White w/Blue Stripe- 500 FT/152M SPOOL

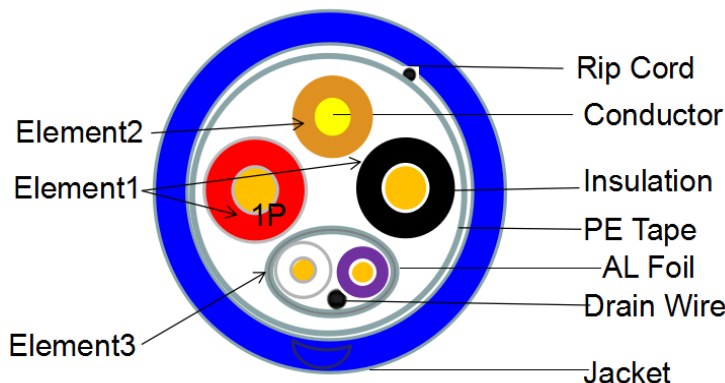
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Standard:

EU RoHS 2011/65/EU Compliant
 IEC 60332-1-2
 EN50575:2014 REACTION TO FIRE CLASS Eca

Construction Characteristics:

| | | |
|--------------------|----------------|----------------------------|
| Element 1 | Material | Stranded Bare Copper |
| | Size | 12AWG X 2C |
| | Construction | 19/0.48+/-0.004mm |
| Insulation | Material | PVC |
| | Min.Thickness | 0.22mm |
| | AVG.Thickness | 0.25mm |
| | Diameter | 3.10+/-0.1mm |
| | Colors | Black & Red |
| Element 2 | Material | Stranded Bare Copper |
| | Size | 18AWG X1C |
| | Construction | 7/0.40+/-0.004mm |
| Insulation | Material | PVC |
| | Min.Thickness | 0.22mm |
| | AVG.Thickness | 0.24mm |
| | Diameter | 1.7+/-0.05mm |
| | Colors | Orange |
| Element 3 | Material | Stranded Bare Copper |
| | Size | 22AWG X 2C |
| | Construction | 7/0.254+/-0.004mm |
| Insulation | Material | FPE |
| | Min.Thickness | 0.56mm |
| | AVG.Thickness | 0.60mm |
| | Diameter | 2.00+/-0.05mm |
| | Colors | Purple & White |
| Shield | Drain wire(TC) | 7/0.20+/-0.004mm |
| | Shield | AL Foil |
| Assembly(2C+1C+1P) | Core wrap | PE Tape |
| Jacket | Material | LSZH |
| | Min.Thickness | 0.72mm |
| | AVG.Thickness | 0.80mm |
| | Diameter | 8.30+/-0.20mm |
| | Rip Cord | Nylon |
| | Color | Blue with dark blue stripe |
| Bend Radius | | Min 15D/125mm |



Electrical & Physical Characteristics:

| | | | |
|-------------------------------|--------|------------------------|---------------------|
| Operating Temperature Range | | - 20°C + 70°C | |
| Conductor Resistance(12AWG) | | Max 5.8 ohm/km at 20°C | |
| Conductor Resistance(18AWG) | | Max 22.8ohm/km at 20°C | |
| Conductor Resistance(22AWG) | | Max 53.5ohm/km at 20°C | |
| 18AWG Core/Core Capacitance | | 100+/-30pf/m | |
| 22AWG Core/Core Capacitance | | 38+/-15pf/m | |
| 22AWG Core/Screen Capacitance | | 80+/-30pf/m | |
| Rated Voltage | | Max 300Volts | |
| Dielectric Strength | | Min AC1.5KV | |
| Insulation PVC | Unaged | Tensile Strenght | 16.5Mpa |
| | | Elongation | 500% |
| | Aged | Tensile Strenght | 14.2Mpa(100°C 168h) |
| | | Elongation | 250%(100°C 168h) |
| Jacket | Unaged | Tensile Strenght | 11.3 Mpa |
| | | Elongation | 100% |
| | Aged | Tensile Strenght | 8.5Mpa(100°C 168h) |
| | | Elongation | 50%(100°C 168h) |

Marking:

STRUCTURED CABLE PRODUCTS --- LUT-BLUE-LSZH --- 2C/12AWG STR SHIELDED + 1C/18AWG STR + 2C/22AWG STR SHIELDED LSZH JKT EN50575:2014 CE Eca RoHS ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 ***M

Packaging:

| | | | |
|---------------|----------------------|------------------|---------------------|
| Approx.Weight | Approx.Dimension(mm) | Package | Packages per pallet |
| 19.8kgs | 360X200X160 | 500ft/152m Spool | 36 |