



# Structured Cable Products®

Quality Installations Deserve Quality Products

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**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

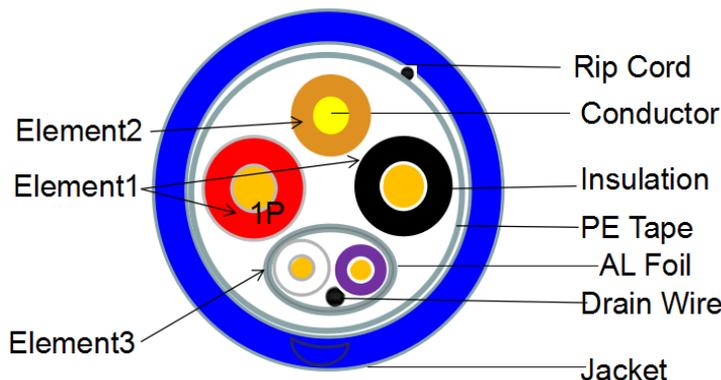
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**Standard:**

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 Strength 16.5Mpa
		Aged	Tensile Strength 14.2Mpa(100°C 168h)
	Jacket	Unaged	Tensile Strength 11.3 Mpa
		Aged	Tensile Strength 8.5Mpa(100°C 168h)
		Elongation	500%
		Elongation	250%(100°C 168h)
		Elongation	100%
		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
38.kgs/84.66lbs4	380X290X160	1000ft/305m Spool	27