



# 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

### Description:

2C/12 AWG STRANDED BC + 1C/18 AWG STRANDED BC + 2C/22 AWG STRANDED SHIELDED W/DRAIN, UV SUN RES INDOOR/OUTDOOR EN50575:2014 Dca - UL CM PVC JKT (Compare to Lutron GRX-CBL-46L-500)- BLUE w/DARK BLUE STRIPE- 500FT/152M SPOOL

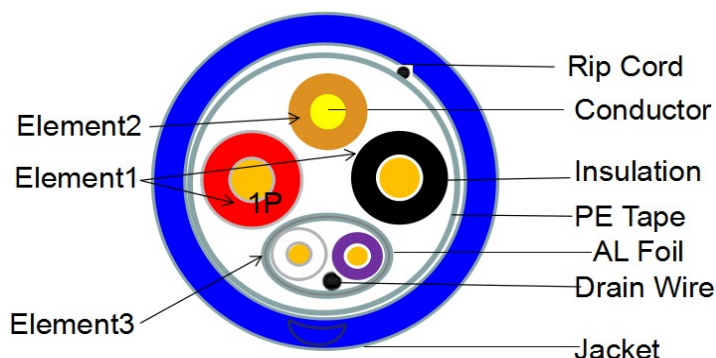
\*Lutron®, Homeworks®, Sivoia®, Grafik Eye®, and Quantum Systems® are registered trademarks of Lutron Electronics Co., Inc Structured Cable Products Inc. is not affiliated with Lutron and our products are not endorsed or certified by Lutron.

### Standard:

UL 444 & UL 12 , NEC Article 760 & NEC Article 725  
 Type (UL) or c(UL) CM/CL2 EU RoHS 2011/65/EU Compliant

### 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	2.90+/-0.05mm
	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	Flame rated PVC
	Min.Thickness	0.72mm
	AVG.Thickness	0.80mm
	Diameter	8.30+/-0.20mm
	Rip Cord	Nylon
	Color	Blue with Dark Blue Stripe



### 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	
Low Capacitance Data Pair		Max 24 pF/FT	
Dielectric Strength		Min AC1.5KV	
Insulation PVC	Unaged	Tensile Strength	13.8Mpa
		Elongation	100%
	Aged	Tensile Strength	11.7Mpa(100°C 168h)
		Elongation	50%(100°C 168h)
Jacket	Unaged	Tensile Strength	13.8Mpa
		Elongation	100%
	Aged	Tensile Strength	11.7Mpa(100°C 168h)
		Elongation	50%(100°C 168h)

### Marking:

STRUCTURED CABLE PRODUCTS --- LUT-BLUE E198137 SCP3 (UL) CL2 C(UL) CM 2C/12AWG STR SHIELDED + 1C/18AWG STR + 2C/22AWG STR SHIELDED UV SUN RES INDOOR/OUTDOOR JKT CE RoHS ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 \*\*\*M

### Packaging:

Approx.Wight(kg)	Approx.Dimension(mm)	Package	Packages per pallet
19.8	360X200X160	500ft/Spool	36