



# Structured Cable Products®

Quality Installations Deserve Quality Products

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**SCP PART#: LUT-QS-LSZH**

UPC : 817777011166

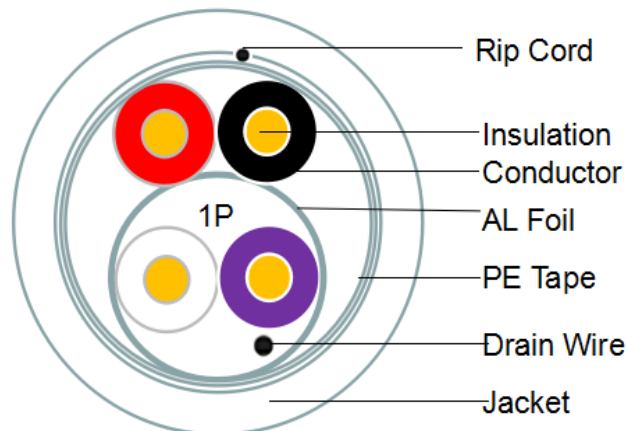
**Description:**

LUTRON\* COMPATIBLE CONTROL CABLE- LOW SMOKE ZERO HALOGEN- COMPARE TO QSH-CBL-M-500- 2C/16 AWG + 2C/22 AWG SHIELDED PLUS DRAIN, EN50575:2014 Eca or Dca-s3,d2,a3, LSZH JKT- WHITE- 500FT/152M SPOOL

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**Standard:**

EU RoHS 2011/65/EU Compliant  
 IEC 60332-1-2  
 EN50575:2014  
 REACTION TO FIRE CPR Euroclass Eca or Dca-s3,d2,a3



**Construction Characteristics:**

Conductor A	Material	Stranded Bare Copper
	Size	16AWG X 2C
	Construction	26/0.254mm+/-0.004mm
Insulation	Material	PVC
	Min.Thickness	0.27mm
	AVG.Thickness	0.30mm
	Diameter	2.10+/-0.05mm
	Colors	Black & Red
Conductor 1P	Material	Stranded Bare Copper
	Size	22 AWG X2C
	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)	7/0.20mm+/-0.005mm
	Shield	AL Foil
Assembly(2C+1P)	Core wrap	PE Tape
Jacket	Material	LSZH
	Min.Thickness	0.53mm
	AVG.Thickness	0.60mm
	Diameter	6.4+/-0.20mm
	Rip Cord	Nylon
	Color	White with Light Blue Stripe
Bend Radius		Min 15D/100mm

**Electrical & Physical Characteristics:**

Operating Temperature Range		- 20°C + 70°C	
Conductor Resistance(16AWG)		Max 15.5 ohm/km at 20°C	
Conductor Resistance(22AWG)		Max 53.5ohm/km at 20°C	
Low Capacitance Data Pair		Max 24 pF/FT	
16AWG Core/Core Capacitance		130+/-30pf/m	
22AWG Core/Core Capacitance		40+/-15pf/m	
22AWG Core/Screen Capacitance		85+/-30pf/m	
Rated Voltage		Max 300Volts	
Dielectric Strength		Min AC1.5KV	
Insulation PVC	Unaged	Tensile Strenght	13.8Mpa
		Elongation	100%
	Aged	Tensile Strenght	11.7Mpa(100°C 168h)
		Elongation	50%(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-QS-LSZH --- 2C/22AWG STR SHIELDED + 2C/16AWG STR LSZH JKT  
 EN50575:2014 CE Eca or Dca-s3,d2,a3 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
11.3kgs/24.91lbs	270X240X160	500ft/152m Spool	48/64
21kgs/46.3lbs	360X180X160	1000ft/305m Spool	36/45