

**SCP PART#: CREST-1-LSZH**

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**Description:**

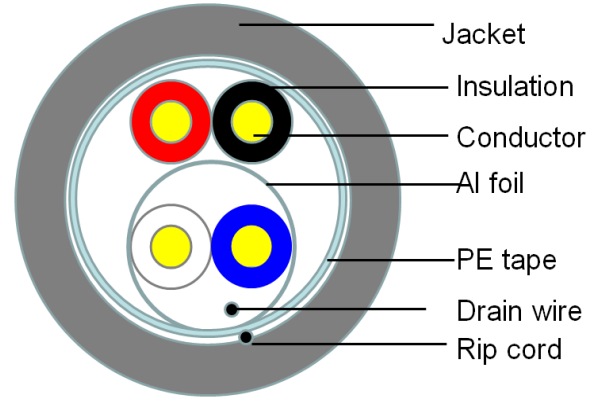
CREST BUS CABLE- LOW SMOKE ZERO HALOGEN- 2C/22 AWG BC STRANDED SHIELDED W/DRAIN + 2C/18 AWG BC STRANDED, EN50575:2014 Dca-s2,d2,a3 , LSZH JKT - GRAY- 1000FT/305M SPOOL

**Standard:**

EU RoHS 2011/65 EU Compliant  
 IEC 60332-1-2  
 EN50575: 2014 REACTION TO FIRE CLASS Dca-s2,d2,a3

**Application:**

SCP Crest-1 control cable provides communications link between Crestron® control systems, touchpanels, keypads, tuners, audio processors, video switchers, camera pan/tilts, expansion modules, and other Crestron devices. Compare to Crestron's Cresnet® cable. The SCP Crest-1 is also a universal control system cable that can be used on various other Brand systems such as AMX® and Lutron®. IP video and control; general purpose RS-232, RS-485 simplex data and control; and general purpose communication and control systems.



**Construction Characteristics:**

Conductor A	Material	Stranded Bare Copper
	Size	18AWG X 2C
	Construction	16/0.254+/-0.004mm
Insulation	Material	PVC
	Min. Thickness	0.34mm
	AVG. Thickness	0.38mm
	Diameter	1.95+/-0.05mm
Colors	Black & Red	
Conductor 1P	Material	Stranded Bare Copper
	Size	22AWG X 2C
	Construction	7/0.254+/-0.004mm
Insulation	Material	FPE
	Min. Thickness	0.48mm
	AVG. Thickness	0.52mm
	Diameter	1.80+/-0.05mm
	Colors	Blue & White
Shield	Drain wire(TC)	7/0.20+/-0.004mm
	Shield	AL Foil
Assembly(2C+1P)	Core wrap	PE Tape
Jacket	Material	LSZH
	Min. Thickness	0.67mm
	AVG. Thickness	0.80mm
	Diameter	6.3+/-0.20mm
	Rip Cord	Nylon
Color	Gray	
Bend radius	Min 20D/130mm	

**Electrical & Physical Characteristics:**

Operating Temperature Range		- 20°C + 75°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		85+30pf/m	
22AWG Core/Core Capacitance		40+15 pf/m	
22AWG Core/Screen Capacitance		85+30 pf/m	
Rated Voltage		Max 300Volts	
Dielectric Strength		Min AC1.5KV	
Insulation PVC	Unaged	Tensile Strength	13.8Mpa
		Elongation	100%
	Aged	Tensile Strength	11.7 Mpa(100°C 168h)
		Elongation	50%(100°C 168h)
Jacket	Unaged	Tensile Strength	11.3 Mpa
		Elongation	100%
	Aged	Tensile Strength	8.5 Mpa(100°C 168h)
		Elongation	50%(100°C 168h)

**Marking:**

STRUCTURED CABLE PRODUCTS --- CREST-1-LSZH --- 2C/22AWG STR SHIELDED + 2C/18AWG STR LSZH JKT EN50575:2014  
 CE Dca RoHS ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 xxxFEET

**Packaging:**

Approx. Weight	Approx. Dimension(mm)	Package	Packages per pallet
18.5kgs/40.785lbs	360X200X160	1000ft/305m Spool	36/45