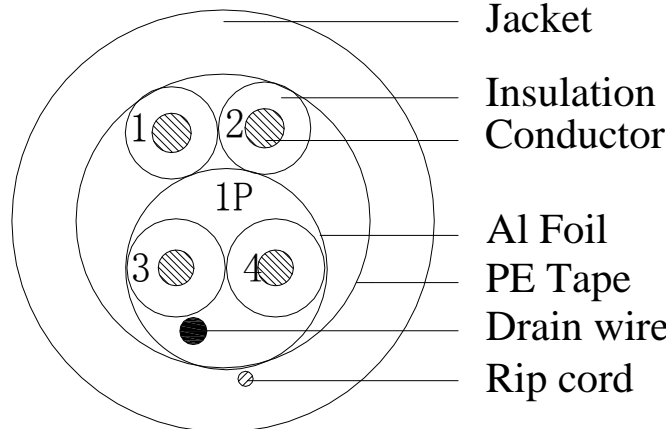




PRODUCT SPECIFICATIONS

PART#: CREST-1-LSZH		DESCRIPTION: DATA= 2C/22 AWG BC STRANDED, AL FOIL SHIELD W/DRAIN + PWR= 2C/18 AWG BC STRANDED- BUNDLED- OVERALL LSZH JKT			
		Established	2013/07/20	Revised	
Approval	Richard	Checked	John	Finish	Leo



Standard: NEC Article 760 & NEC Article 725

Application: SCP Crest-1-LSZH 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-LSZH 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. For installations requiring Low Smoke Zero Halogen (LSZH/LSOH) such as commercial, multi-family, and institutional.

Construction Characteristics:

Conductor A	Material	Stranded Bare Copper
	Size	18AWG X 2C
	Construction	16/0.254±0.004mm
Insulation	Material	PVC
	Min. Thickness	0.24mm
	AVG. Thickness	0.27mm
	Diameter	1.70±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	0.56mm

	AVG. Thickness	0.62mm
	Diameter	2.00±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
	AVG. Thickness	0.75mm
	Min. Thickness	0.67mm
	Diameter	6.35±0.10mm
	Rip Cord	Nylon
	Colors	Per request

Electrical & Physical Characteristics

Rating		75°C 300V	
Conductor Resistance(18AWG)		Max 22.8ohm/km at 20°C	
Conductor Resistance(22AWG)		Max 53.5ohm/km at 20°C	
Dielectric Strength		Min AC1.5KV	
AC Leakage Current Through overall Jacket		AC 1500V ≦10mA	
Twists per foot		3.0	
Insulation PVC	Unaged	Tensile Strength	13.8 Mpa
		Elongation	150%
	Aged	Tensile Strength	11.7 Mpa(100°C 168h)
		Elongation	80%(100°C 168h)
Jacket	Unaged	Tensile Strength	13.8 Mpa
		Elongation	150%
	Aged	Tensile Strength	11.7 Mpa(100°C 168h)
		Elongation	80%(100°C 168h)
Cold Bend Test		-20°C 4hours No Cracking	
Marking:			
STRUCTURED CABLE PRODUCTS --- P/N CREST-1-LSZH --- 2C/22 AWG BC STRANDED SHIELDED W/DRAIN + 2C/18 AWG BC STRANDED CM CE EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 XXXXFEET			
Packaging:			
Approx. Weight(kg)	Approx. Dimension(mm)	package	Packages per Pallet
18.25	370X180X150X12	1000 ft/Spool	45