

# SPC PART#: CREST-1

DATA = 2C/22 AWG BC STRANDED, AL FOIL SHIELD W/DRAIN + PWR =  
2C/18 AWG BC STRANDED- BUNDLED- OVERALL PVC JKT



**Structured Cable Products™**  
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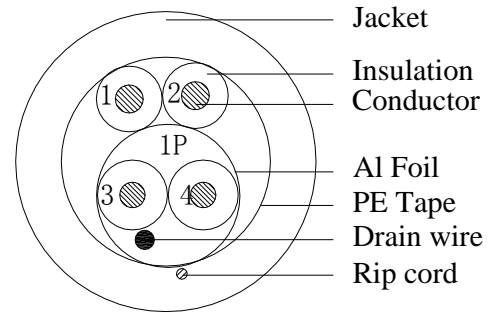
Edition A  
Approval Richard

Established Date 2013/07/20  
Checked John

Revised Date 2013/07/20  
Finish Leo

**Standard:** UL 444 & UL 13 、 NEC Article 760 & NEC Article 725

**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 0.24mm  
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

### Shield

Drain wire(TC) 7/0.20±0.004mm  
Shield AL Foil

### Assembly(2C+1P)

Core wrap PE Tape

### Jacket

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

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## 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%

### Insulation PVC Aged

Tensile Strength 11.7 Mpa(100°C 168h)

Elongation 80%(100°C 168h)

Jacket

### Jacket Unaged

Tensile Strength 13.8 Mpa

Elongation 150%

### Jacket 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 --- 2C/22 AWG BC STRANDED SHIELDED W/DRAIN +  
2C/18 AWG BC STRANDED CMR FT4 75C -- (UL) OR C(UL) E198137 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