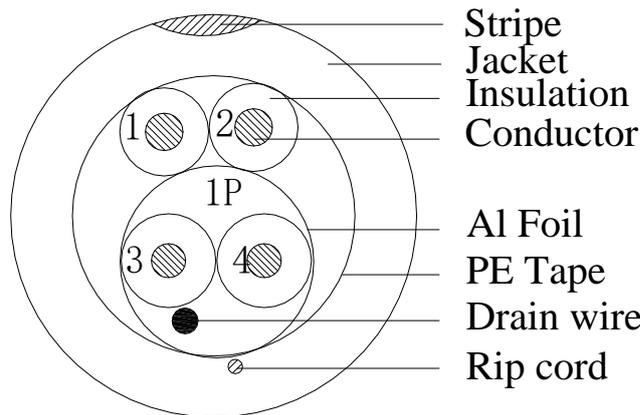




PRODUCT SPECIFICATIONS

SCP PART#: CTRL-1	DESCRIPTION: 2C/22 AWG BC STRANDED, AL FOIL SHIELD w/DRAIN + 2C/18 AWG BC STRANDED – BUNDLED – OVERALL PVC JKT w/GREEN STRIPE				
Edition:	A	Date:	2015/03/17	Rev Date:	
Approval:	Richard	Checked:	John	Finish:	Leo



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

Type (UL) or c(UL) CM/CL2  
EU RoHS 2011/65/EU Compliant

**Application:** BUNDLED CABLE(2C/18AWG+2C/22AWG)

**Construction Characteristics:**

<b>Conductor A</b>	Material	Stranded Bare Copper
	Size	18AWG X 2C(0.81mm <sup>2</sup> )
	Construction	16/0.254 mm(0.01")±0.004mm
<b>Insulation</b>	Material	PVC
	Min. Thickness	0.24mm(0.0009")
	AVG. Thickness	0.27mm(0.0106")
	Diameter	1.70mm(0.0669")±0.05mm
<b>Conductor 1P</b>	Material	Stranded Bare Copper
	Size	22AWG X 2C(0.355mm <sup>2</sup> )
<b>Insulation</b>	Construction	7/0.254 mm(0.01")±0.004mm
	Material	FPE
	Min. Thickness	0.56mm(0.0220")
	AVG. Thickness	0.62mm(0.0244")
	Diameter	2.00mm(0.0787")±0.05mm
<b>Shield</b>	Colors	Purple & White
	Drain wire(TC)	7/0.20 mm(0.0079")±0.004mm

	Shield	AL Foil
<b>Assembly(2C+1P)</b>	Core wrap	PE Tape
<b>Jacket</b>	Material	Flame rated PVC jacket with a green stripe
	AVG. Thickness	0.75mm(0.0295")
	Min. Thickness	0.67mm(0.0264")
	Diameter	6.35mm(0.25")±0.10mm
	Rip Cord	Nylon
	Color	Yellow with Green Stripe

## 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		
Low Capacitance Data Pair	Max 24 pF/FT		
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		
<b>Marking:</b>			
STRUCTURED CABLE PRODUCTS E198137 (UL) OR c(UL) CM CL2 75C MM/YY --- P/N: CTRL-1 --- 2C/22 AWG STR SHIELDED + 2C/18 AWG STRANDED w/DRAIN - PVC JKT CE EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 XXXXM			
<b>Packaging:</b>			
Approx. Weight(kg)	Approx. Dimension(mm)	package	Packages per Pallet
18.25	370X180X150X12	1000 ft/Spool	45