



# Structured Cable Products™

Quality Installations Deserve Quality Products

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## SCP PART#: CTRL-1

### Description:

UNIVERSAL CONTROL CABLE- 2C/22 AWG STRANDED BC w/AL FOIL SHIELD  
 + 2C/18 AWG STRANDED BC + DRAIN, UL CM, EN50575:2014 Eca, PVC JKT-  
 Yellow w/Red Stripe- 305M/1000 FT SPOOL

### Standard:

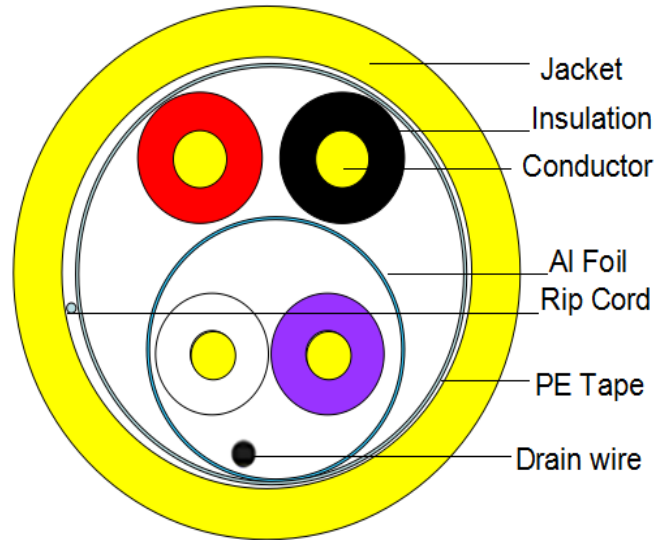
UL 444 & UL 13, Type (UL) CM, CMG/CL c(UL)  
 EU RoHS 2011/65 EU Compliant  
 EN50575:2014 REACTION TO FIRE CLASS Eca

### Application:

Universal Control Cable

### 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	0.26mm
	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	0.60mm
	Diameter	2.00+/-0.05mm
	Colors	Purple & White
Shield	Drain wire(TC)	7/0.20+/-0.004mm
	Shield	AL Foil
Assembly(2C+1P)	Core wrap	PE Tape
Jacket	Material	PVC
	AVG.Thickness	0.80mm
	Min.Thickness	0.67mm
	Diameter	6.80+/-0.20mm
	Rip Cord	Nylon
	Color	Yellow with red stripe
Bend Radius		Min 20D/135mm



### Electrical & Physical Characteristics:

Operating Temperature Range		- 20°C + 70°C	
Conductor Resistance(18AWG)		Max 22.8ohm/km at 20°C	
Conductor Resistance(22AWG)		Max 53.5ohm/km at 20°C	
Rated Voltage		Max 300Volts	
Core/Core Capacitance		40 +15 pf/m	
Core/Screen Capacitance		90 +30 pf/m	
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	13.8Mpa
		Elongation	100%
	Aged	Tensile Strenght	11.7Mpa(100°C 168h)
		Elongation	50%(100°C 168h)

### Marking:

STRUCTURED CABLE PRODUCTS --- CTRL-1 --- E198137 SCP3 (UL) CL2 C(UL) CM 2C/22AWG STR SHIELDED W/DRAIN  
 + 2C/18AWG STR EN50575:2014 CE Eca PVC JKT 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
18/4kgs/40.56lbs	360X240X160	1000ft/Spool	36