

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

**Definition:**

UNIVERSAL CONTROL CABLE- LOW SMOKE ZERO HALOGEN-  
 2C/22 AWG STRANDED BC w/AL FOIL SHIELD  
 + 2C/18 AWG STRANDED BC + DRAIN, EN50575:2014 Dca-  
 s2,d2,a3 - LSZH JKT- YELLOW w/RED STRIPE- 305M/1000 FT  
 SPOOL

**Standard:**

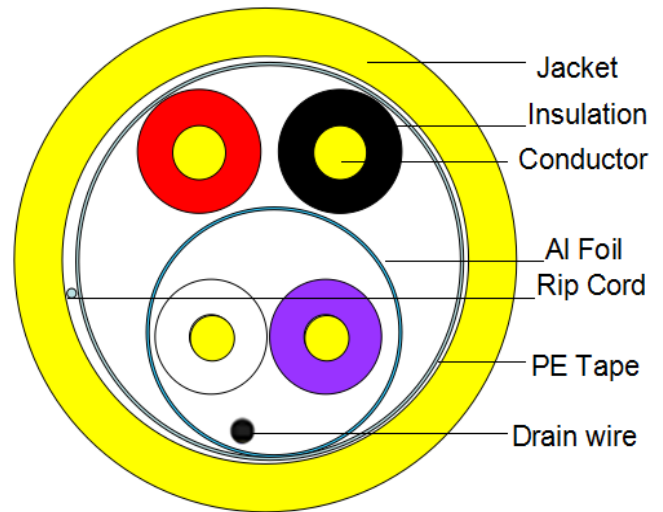
EU RoHS 2011/65 EU Compliant  
 IEC 60332-1-2 EN50575 : 2014 REACTION TO FIRE  
 CLASS Dca-s2,d2,a3

**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	LSZH
	Min.Thickness	0.67mm
	AVG.Thickness	0.80mm
	Diameter	6.80+/-0.20mm
	Rip Cord	Nylon
	Color	Yellow with red stripe
Bend Radius		Min 15D/105mm



**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		140+/-30pf/m	
22AWG Core/Core Capacitance		40+/-15pf/m	
22AWG Core/Screen Capacitance		90+/-30pf/m	
Dielectric Strength		Min AC1.5KV	
Insulation PVC	Unaged	Tensile Strength	13.8Mpa
		Elongation	100%
	Aged	Tensile Strength	11.7Mpa(100°C 168h)
		Elongation	50%(100°C 168h)
Jacket	Unaged	Tensile Strength	11.3Mpa
		Elongation	100%
	Aged	Tensile Strength	8.5 Mpa(100°C 168h)
		Elongation	50%(100°C 168h)

**Marking:**

STRUCTURED CABLE PRODUCTS --- CTRL-1-LSZH --- 2C/22AWG STR SHIELDED W/DRAIN + 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 \*\*\*M

**Packaging:**

Approx.Weight	Approx.Dimension(mm)	Package	Packages per pallet
18.4kgs/40.56lbs	360X240X160	1000ft/305m Spool	36