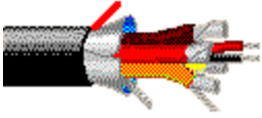


**Part Number: 1817P**

**Audio Snake Cable, #22-16c, TC, Individ. Shielded, CMP**



## Product Description

22 AWG stranded (7x30) TC conductor, polyolefin insulation, individually shielded with bonded Beldfoil, numbered/color-coded Solef jackets, jackets and shields are bonded so both strip simultaneously, overall fluorocopolymer jacket and nylon rip cord.

## Technical Specifications

### Product Overview

Environmental Space:	Indoor - Plenum
Suitable Applications:	Outdoor Applications, Sports Stadium

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
22	7x30	TC - Tinned Copper	0.03 in	8

Conductor Count:	16
Total Number of Pairs:	8
Conductor Size:	22 AWG

#### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
FEP - Fluorinated Ethylene Propylene	0.05 in	0.010 in

#### Color Chart

Number	Color
1	Gray #1
2	Gray #2
3	Gray #3
4	Gray #4
5	Gray #5
6	Gray #6
7	Gray #7
8	Gray #8
Pairs	Red & Black

#### Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	0.030 in	22	7x30
						TC - Tinned Copper	

#### Inner Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVDF - Fluorocopolymer	0.119 in	0.009 in

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVDF	0.424 in	0.015 in	Yes
	0.424 in		

## Electrical Characteristics

### Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance
10.8 Ohm/1000ft	14.8 Ohm/1000ft	14.8 Ohm/1000ft

### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
31 pF/ft	56 pF/ft

Shielding: Individually Shielded + Overall Shield

### Delay

Nominal Velocity of Propagation (VP) [%]
66 %

### Current

Max. Recommended Current [A]
1.45 Amps per conductor @ 25°C

### Voltage

UL Voltage Rating
300 V RMS

## Temperature Range

Operating Temp Range: -40°C To +150°C

## Mechanical Characteristics

Bulk Cable Weight:	98 lbs/1000ft
Max Recommended Pulling Tension:	243 lbs
Min Bend Radius/Minor Axis:	4.25 in

## Standards

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2011-12-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor: Yes

## Flammability, LS0H, Toxicity Testing

UL Flammability:	UL910 Plenum
CSA Flammability:	FT6
UL Voltage Rating:	300V RMS

## Plenum/Non-Plenum

Plenum (Y/N): Yes

## Part Number

Non-Plenum Number: 1817R

**Variants**

Item #	Color	Footnote
1817P 0101000	BLACK	C
1817P 010500	BLACK	C

Footnote: C - CRATE REEL PUT-UP.

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