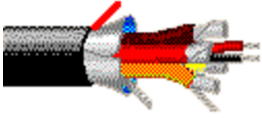


Part Number: 1817P

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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