



**Part Number:** 1815R

Audio Snake Cable, #22-4pr, TC, Individ. Shielded, CMR

**Product Description**

Audio Snake Cable, Riser-CMR, 4-22 AWG tinned copper pairs, polyolefin insulation, individually shielded with Beldfoil® bonded to numbered/color-coded PVC jackets so both strip simultaneously, PVC jacket

**Technical Specifications**

**Product Overview**

Environmental Space:	Indoor - Riser
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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
22	7x30	TC - Tinned Copper	0.03 in	4

Conductor Count:	8
Conductor Size:	22 AWG

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PO - Polyolefin	0.05 in	0.010 in

**Color Chart**

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	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

**Inner Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.133 in	0.015 in

**Outer Shield Material**

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	0.048 in	18	19x30

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.384 in	0.0295 in	Yes
	0.384 in		

**Electrical Characteristics**

## Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	Nominal Outer Shield DCR
14.1 Ohm/1000ft	14.8 Ohm/1000ft	14.8 Ohm/1000ft	11.8 Ohm/1000ft

## Capacitance

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

## Inductance

Nominal Inductance
0.18 µH/ft

## Impedance

Nominal Characteristic Impedance
50 Ohm

## 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:	-20°C To +60°C
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## Mechanical Characteristics

Bulk Cable Weight:	84 lbs/1000ft
Max Recommended Pulling Tension:	109 lbs
Min Bend Radius/Minor Axis:	4 in

## Standards

NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG
CPR Euroclass:	Eca

## 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):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1666 Riser
CSA Flammability:	FT4
ISO/IEC Flammability:	IEC 60332-1-2

UL voltage rating:	300 V RMS
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## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	1815P

## Part Number

### Variants

Item #	Color	UPC	Length	Footnote
1815R 0101000	Black	612825123477	1,000 ft	C
1815R 010500	Black	612825123484	500 ft	C
1815R 0105000	Black	612825431206	5,000 ft	
1815R 0105000	Black	612825431206	5,000 ft	

Footnote:	C - CRATE REEL PUT-UP.
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## Product Notes

Notes:	Pair jackets and shields are bonded so both strip simultaneously with automatic stripping equipment. Beldfoil® provides high reliability with ease of termination.
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