



**Product:** [2815RW](#)

Indoor/Outdoor Stadium Cable, Analog Audio Snake, 4 Pair 22 AWG, stranded, CMR

### Product Description

4 Pair 22 AWG stranded (7x30) TC conductor, polyolefin insulation, individually shielded with bonded Beldfoil®, numbered/color-coded PVC jackets, jackets and shields are bonded so both strip simultaneously, water blocking tape, overall black CPE jacket and nylon rip cord.

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
22	7x30	TC - Tinned Copper	0.029 in	4

Conductor Count: 8

##### Insulation

Material	Nominal Diameter
PP - Polypropylene	0.05 in

##### Color Chart

Color
Red & Black

##### Inner Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	22

##### Inner Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.133 in

##### Outer Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	18

##### Outer Jacket

Material	Nominal Diameter
CPE - Chlorinated Polyethylene	0.432 in

#### Electrical Characteristics

##### Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
14.1 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 at 25°C

**Voltage****UL Voltage Rating**

300 V RMS

**Temperature Range**

UL Temp Rating:	75°C
Operating Temperature Range:	-20°C To +75°C

**Mechanical Characteristics**

UV Resistance:	Yes
Bulk Cable Weight:	94 lbs/1000ft
Max. Pull Tension:	109 lbs
Min. Bend Radius/Minor Axis:	4.3 in

**Standards**

NEC/(UL) Compliance:	CMR
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**Applicable Environmental and Other Programs**

Environmental Space:	Indoor/Outdoor
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

**Suitability**

Suitability - Aerial:	Yes - When supported by messenger wire
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

**Flammability, LSOH, Toxicity Testing**

UL Flammability:	UL1666 Riser
UL voltage rating:	300 V RMS

**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Related Part Numbers****Variants**

Item #	Color	Put-Up Type	Length	UPC
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2815RW 0101000	Black	Reel	1,000 ft	612825384908
2815RW 0105000	Black	Reel	5,000 ft	612825384915

Footnote:	C - CRATE REEL PUT-UP., Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.
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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. Print legend includes sequential footage marks.
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## History

Update and Revision:	Revision Number: 0.200 Revision Date: 12-20-2022
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