



## Part Number: 2818RW

Indoor/Outdoor Stadium Cable, Analog Audio Snake, 12 Pair, 22 AWG, stranded, CMR

### Product Description

12 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, overall water blocking tape, overall black CPE jacket and nylon rip cord, CMR rated

### Technical Specifications

#### Product Overview

Environmental Space:	Indoor/Outdoor
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
22	7x30	TC - Tinned Copper	0.029 in	12

Conductor Count: 24

##### Insulation

Material	Nominal Diameter
PO - Polyolefin	0.05 in

##### Color Chart

Color
Red & Black

##### Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	22

##### Inner Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.133 in

##### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	18

##### Outer Jacket Material

Material	Nominal Diameter
CPE - Chlorinated Polyethylene	0.701 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
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31 pF/ft	56 pF/ft
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#### Inductance

<b>Nominal Inductance</b>
0.18 µH/ft

#### Impedance

<b>Nominal Characteristic Impedance</b>
50 Ohm

#### Delay

<b>Nominal Velocity of Propagation (VP) [%]</b>
66 %

#### Current

<b>Max. Recommended Current [A]</b>
1.45 Amps per conductor @ 25°C

#### Voltage

<b>UL Voltage Rating</b>
300 V RMS

### Temperature Range

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

### Mechanical Characteristics

Bulk Cable Weight:	252 lbs/1000ft
Max Recommended Pulling Tension:	365 lbs
Min Bend Radius/Minor Axis:	7 in

### Standards

NEC/(UL) Specification:	CMR
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### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/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

### 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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## Part Number

### Variants

Item #	Color	UPC	Length	Footnote
2818RW 0101000	Black	612825387633	1,000 ft	
2818RW 0105000	Black	612825387640	5,000 ft	C Z

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

## Product Notes

Notes:	Water blocking tape between outer shield and outer jacket. 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: 0.99 Revision Date: 08-22-2019
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