



Product: [2814RW](#)

Indoor/Outdoor Stadium Cable, Analog Audio Snake, 2 Pair 22 AWG, stranded, CMR

Product Description

2 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.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
22	7x30	TC - Tinned Copper	0.029 in	2

Conductor Count: 4

Insulation

Material	Nominal Diameter
PP - Polypropylene	0.05 in

Color Chart

Number	Color
1	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	22

Outer Jacket

Material	Nominal Diameter
CPE - Chlorinated Polyethylene	0.358 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:	57 lbs/1000ft
Max. Pull Tension:	64 lbs
Min. Bend Radius/Minor Axis:	3.6 in

Standards

NEC/(UL) Compliance:	CMR
CPR Euroclass:	Eca

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

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Item #	Color	Put-Up Type	Length	UPC
2814RW 0101000	Black	Reel	1,000 ft	612825384861
2814RW 0105000	Black	Reel	5,000 ft	612825384878

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:	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: 0.320 Revision Date: 12-19-2022
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