



## Part Number: 2768RW

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

### Product Description

Indoor/Outdoor Stadium Cable, 12 Pair 22 AWG stranded (7x30) tinned copper conductor, polypropylene insulation, twisted Pairs individually shielded with Beldfoil® (100% coverage) with 22 AWG stranded tinned copper drain wire, waterblocking tape, overall CPE jacket

### 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
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##### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.011 in

##### Color Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown
7	Black & Orange
8	Red & White
9	Red & Green
10	Red & Blue
11	Red & Yellow
12	Red & Brown

##### Inner Shield Material

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

##### Outer Shield Material

Material
Unshielded

##### Outer Jacket Material

Material	Nominal Diameter
CPE - Chlorinated Polyethylene	0.500 in

## Electrical Characteristics

### Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR
10.6 Ohm/1000ft	15 Ohm/1000ft

### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield	Nom. Capacitance Conductor to Shield
30 pF/ft	55 pF/ft	16.9 pF/m

### Impedance

Nominal Characteristic Impedance
50 Ohm

### Delay

Nominal Velocity of Propagation (VP) [%]
66 %

### Current

Max. Recommended Current [A]
1.4 Amps per conductor @ 25°C A

### Voltage

UL Voltage Rating
300 V RMS

## Temperature Range

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

## Mechanical Characteristics

UV Resistance:	Yes
Bulk Cable Weight:	135 lbs/1000ft
Max Recommended Pulling Tension:	320 lbs
Min Bend Radius/Minor Axis:	5 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, LS0H, Toxicity Testing

UL Flammability:	UL1666 Vertical Tray
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
2768RW 0101000	Black	612825387442	1,000 ft	
2768RW 0105000	Black	612825387459	5,000 ft	C Z

Footnote:	C - CRATE REEL PUT-UP.
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Footnote:	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 cabled pairs and outer jacket. Print legend includes sequential footage marks.
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## History

Update and Revision:	Revision Number: 0.101 Revision Date: 08-22-2019
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