



REPRESENTATIVE IMAGE

**Product:** [2818RW](#)

Indoor/Outdoor Stadium, Audio Snake Cable, 12 Pr #22 Str TC, Ind. Shielded & Jacketed, O/A Foil, CPE Jkt, CMR, Waterblocked

## Product Description

Audio Snake Cable, 12 Pair 22 AWG (7 x 30) Tinned Copper, PP Insulation, Individually Foil Shielded and PVC Jacketed, Overall Beldfoil® Shield, Waterblocking Tape, CPE jacket, Ripcord, CMR

## Technical Specifications

### Product Overview

Suitable Applications:	Multi-channel interconnect between audio equipment such as microphones, speakers, amplifiers, mixing consoles; Live events or studio sound; Analog audio; Dual-purpose indoor/outdoor with no transition; Below-grade, wet-locations
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### Construction Details

#### Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	12	22 AWG	7x30	TC - Tinned Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.011 in (0.28 mm)	0.05 in (1.3 mm)	Black & Red

#### Inner Shield

Element	Shield Type	Material	Coverage	Drainwire Type	Notes
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC	Inner Jackets and shields are bonded so both can be removed with automatic stripping equipment.

#### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (19x30) TC

Waterblocking:	Waterblock Tape
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#### Inner Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.133 in (3.38 mm)

Table Notes:	Inner jacket Colors are: Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White, Black, Tan, Pink
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#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
CPE - Chlorinated Polyethylene	0.064 in (1.6 mm)	0.701 in (17.8 mm)	Yes

Overall Cable Diameter (Nominal):	0.701 in (17.8 mm)
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedance	Nom. Velocity of Prop.	Max. Current
Pair(s)	14.8 Ohm/1000ft (48.6 Ohm/km)	31 pF/ft (100 pF/m)	56 pF/ft (180 pF/m)	50 Ohm	66%	1.45 Amps per conductor @ 25°C

#### Voltage

<b>UL Voltage Rating</b>
300 V (CMR)

## Mechanical Characteristics

### Temperature

UL Temperature	Operating
75°C	-20°C to +75°C

### Bend Radius

Stationary Min.	Installation Min.
7.0 in (180 mm)	7.0 in (180 mm)

Max. Pull Tension:	327 lbs (148 kg)
Bulk Cable Weight:	253 lbs/1000ft (377 kg/km)

## Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Aerial - When supported by messenger wire
Flammability / Reaction to Fire:	UL1666 Riser, FT4
NEC / UL Compliance:	Article 800, CMR
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## Product Notes

Notes:	Print legend includes sequential footage marks.
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## History

Update and Revision:	Revision Number: 0.155 Revision Date: 04-08-2022
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
2818RW 0101000	Black	Reel	1,000 ft	612825387633
2818RW 0105000	Black	Reel	5,000 ft	612825387640

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