



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	Notes
Pair(s)	PP - Polypropylene	0.010 in (0.25 mm)	0.05 in (1.3 mm)	Black & Red	
				Yellow, Green, Blue, Violet, Grey, White, Black, Bisque, Pink, Brown, Red, Orange	The Colors represented in this rows are for Inner Jacket colors

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

Element	Material	Nom. Thickness	Nom. Diameter
Pair(s)	PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	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
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Pair(s)	14.8 Ohm/1000ft	31 pF/ft (100 pF/m)	56 pF/ft (180 pF/m)	50 Ohm	66%	1.45 Amps per conductor @ 25°C
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Voltage

UL Voltage Rating
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

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Aerial - When supported by messenger wire
Flammability / Reaction to Fire:	UL 1666 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: 0.170 Revision Date: 01-20-2023
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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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