




Product: [2816RW](#) 

Indoor/Outdoor Stadium Cable, Analog Audio Snake, 6 Pair 22 AWG, stranded, CMR

Product Description

6 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 and nylon rip cord.

Technical Specifications

Product Overview

Suitable Applications:	Analog audio, burial, Sports Stadium
------------------------	--------------------------------------

Construction Details

Conductor

Size	Stranding	Material
22	7x30	TC - Tinned Copper

Insulation

Material	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.05 in (1.3 mm)	Brown, Red, Orange, Yellow, Green, Blue, Red & Blk

Inner Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%

Outer Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%

Inner Jacket

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

Outer Jacket

Material	Nom. Diameter
CPE - Chlorinated Polyethylene	0.521 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
14.8 Ohm/1000ft (48.6 Ohm/km)	31 pF/ft (100 pF/m)	56 pF/ft (180 pF/m)	2 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-30°C To +75°C

Max. Pull Tension:	131 lbs (59.4 kg)
Bulk Cable Weight:	135 lbs/1000ft (201 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, UV Resistance, Aerial - When supported by messenger wire, Burial
Flammability / Reaction to Fire:	UL1666 Riser
NEC / UL Compliance:	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:	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. Ripcord under overall jacket.
--------	--

History

Update and Revision:	Revision Number: 0.189 Revision Date: 01-20-2023
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
2816RW 0101000	Black	Reel	1,000 ft	612825384885
2816RW 0105000	Black	Reel	5,000 ft	612825384892

© 2023 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.