



Part Number: 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

Product Overview

| | |
|----------------------|----------------|
| Environmental Space: | Indoor/Outdoor |
|----------------------|----------------|

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 |
|-----------------|------------------|
| PO - Polyolefin | 0.05 in |

Color Chart

| Number | Color |
|--------|-------------|
| 1 | Red & Black |

Inner Shield Material

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

Inner Jacket Material

| Material | Nominal Diameter |
|--------------------------|------------------|
| PVC - Polyvinyl Chloride | 0.133 in |

Outer Shield Material

| Type | Material | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire AWG |
|------|--------------------|---------------------|--------------|--------------------|---------------|
| Tape | Aluminum/Polyester | Beldfoil® | 100 % | TC - Tinned Copper | 22 |

Outer Jacket Material

| 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 @ 25°C |

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: | 57 lbs/1000ft |
| Max Recommended Pulling Tension: | 64 lbs |
| Min Bend Radius/Minor Axis: | 3.6 in |

Standards

| | |
|-------------------------|-----|
| NEC/(UL) Specification: | CMR |
|-------------------------|-----|

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, LSOH, Toxicity Testing

| | |
|--------------------|--------------|
| UL Flammability: | UL1666 Riser |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

Plenum (Y/N): No

Part Number

Variants

| Item # | Color | UPC | Length | Footnote |
|----------------|-------|--------------|----------|----------|
| 2814RW 0101000 | Black | 612825384861 | 1,000 ft | |
| 2814RW 0105000 | Black | 612825384878 | 5,000 ft | C Z |

Footnote: C - CRATE REEL PUT-UP.

Footnote: Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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.

History

Update and Revision: Revision Number: 0.178 Revision Date: 08-22-2019

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