




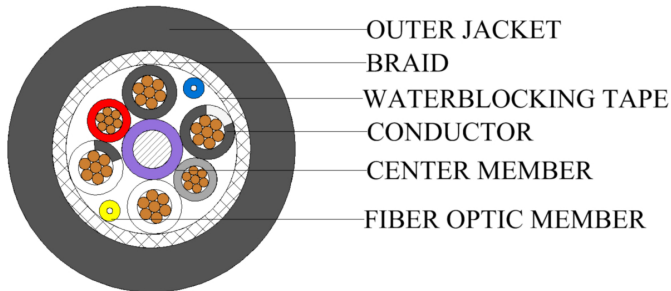
Product: [2804RW](#) 

Indoor/Outdoor Stadium Cable, SMPTE 311M, 2 Fiber, 2 Conductor 24 AWG, 4 Conductor 20 AWG, CPE Jacket

Product Description

Indoor/Outdoor, Industry Standard SMPTE 311M Cable, 2 Single Mode Fibers, 4 TC Conductor 20 AWG (19x32), 2 TC Conductor 24 AWG (7x32), PVC Insulation, TC Braid Shield (95% coverage), Water Blocking Tape, CPE Jacket

Technical Drawing



Technical Specifications

Product Overview

| | |
|------------------------|-----------|
| Suitable Applications: | SMPTE 311 |
|------------------------|-----------|

Multiconductor

Multiconductor Conductor and Insulation

| Element | No. of Conductors | AWG | Stranding | Material | Nominal Conductor DCR | Insulation Material | Insulation Nominal Diameter |
|---------|-------------------|-----|-----------|--------------------|-----------------------|--------------------------|-----------------------------|
| 24 AWG | 2 | 24 | 7x32 | TC - Tinned Copper | 23.3 Ohm/1000ft | PVC - Polyvinyl Chloride | 0.050 in |
| 20 AWG | 4 | 20 | 19x32 | TC - Tinned Copper | 8.8 Ohm/1000ft | PVC - Polyvinyl Chloride | 0.063 in |

Multiconductor Color Chart

| Description | Color |
|-------------|-------------|
| 24 AWG | Red |
| 24 AWG | Gray |
| 20 AWG | White |
| 20 AWG | Black |
| 20 AWG | White/Black |
| 20 AWG | Black/White |

Multiconductor Cabling

| |
|-----------|
| Filler |
| FR Filler |

| | |
|------------|-------|
| Shielding: | Braid |
|------------|-------|

Multiconductor UL Voltage

| UL Description | UL Voltage Rating |
|----------------|-------------------|
| 24 AWG | 300 V RMS |
| 20 AWG | 300 V RMS |

Fiber

Fiber Cable Construction

| Fiber Type | Fiber Count |
|---------------|-------------|
| OS2, G.657.A2 | 2 |

| | |
|---------------------|--------------|
| Fiber Color Coding: | Yellow, Blue |
|---------------------|--------------|

Buffer Specification

| Buffer Material | Buffer Diameter |
|--------------------------|-----------------|
| PVC - Polyvinyl Chloride | 900 µm |

| | |
|------------------------------|------------------|
| Mode Field Diameter: | 9.2 µm |
| Wavelength@Optical SM1: | 1310 nm, 1550 nm |
| Max. Attenuation at 1310 nm: | 0.50 dB/km |
| Max. Attenuation at 1550 nm: | 0.50 dB/km |

Overall Cable

Overall Shielding

| Layer 1 | Type | Material | Coverage |
|---------|-------|--------------------|----------|
| Overall | Braid | TC - Tinned Copper | 95 % |

| | |
|---------------------------------|----------------|
| Jacket: | CPE |
| Operating Temperature Range: | -40°C To +70°C |
| Installation Temperature Range: | -10°C To +70°C |
| Storage Temperature Range: | -40°C To +70°C |
| Max. Pull Tension: | 450 lbs |
| Bulk Cable Weight: | 97 lbs/1000ft |

Applicable Standards & Environmental Programs

| | |
|--|-----|
| NEC/(UL) Compliance: | CMR |
| EU Directive 2011/65/EU (RoHS 2): | Yes |
| EU Directive 2015/863/EU (RoHS 2 amendment): | Yes |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2003/11/EC (BFR): | Yes |

Suitability

| | |
|------------------------|-----|
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | Yes |

Flame Test

| | |
|-----------------------|-----------------------|
| UL Flammability: | UL1666 Vertical Shaft |
| UL Rating/Flame Test: | Riser |

Plenum/Non-Plenum

| | |
|---------------|---|
| Plenum (Y/N): | N |
|---------------|---|

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.133 Revision Date: 11-27-2023 |
|----------------------|--|

Variants

| Item # | Color | UPC | Length |
|----------------|-------|--------------|----------|
| 2804RW 0101000 | Black | 612825397489 | 1,000 ft |
| 2804RW 0103280 | Black | 612825397496 | 3,280 ft |
| 2804RW 010CUT | Black | | |
| 2804RW 0106930 | Black | 612825443025 | 6,930 ft |

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