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please call

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### General Description:

3-Channel SMPTE 311M Stadium Cable, 6 Single Mode Fiber, 6 Conductor 18AWG and 6 Conductor 24AWG, Water Blocking Tape, CPE Jacket

### Usage (Overall)

**Suitable Applications:** 3 Channel Composite Camera Cable

### Twisted Pair

**Physical Characteristics**  
Individual Shield

### Multi Conductor

**Physical Characteristics**  
Conductor

**AWG:**

# Conductors	AWG	Stranding	Conductor Material
6	24	7x32	TC - Tinned Copper
6	18	19x30	TC - Tinned Copper

### Insulation

**Insulation Material:**

Insulation Material	AWG
PVC	18
PVC	24

**Insulation Color Code Chart:**

Number	Color	Description
1	Red	24 AWG
2	Gray	24 AWG
3	White	18 AWG
4	Black	18 AWG

### Inner Shield

**Inner Shield Material:**

Inner Shield Trade Name	Type	Inner Shield Material	% Coverage (%)
BELDFOIL	TAPE	AL/POLYESTER	100.000

### Individual Shield

#### Electrical Characteristics

**Maximum Conductor DC Resistance:**

Description	DCR @ 20°C (Ohm/100 m)
24 AWG	8.760
18 AWG	2.190

### Fiber

#### Physical Characteristics

**Fiber Type:** Single Mode/125/900 Micron

**Number of Fibers:** 6

**Mode Field Diameter @ 1310nm:** 9.5 +/-1 microns

## 2824RW Composite - SMPTE Indoor/Outdoor 3 Channel

Clad Diameter:	125 microns
Core-clad Concentricity Error:	< to 1 micron
Primary Coating Material:	Acrylate
Buffer Tube Diameter:	900 microns
Buffer Tube Material:	PVC - Polyvinyl Chloride

### Strength Member

Strength Member Material:	Aramid Yarn
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### Inner Jacket

#### Inner Jacket Color Code Chart:

Number	Color
1	YELLOW #1
2	YELLOW #2
3	YELLOW #3
4	YELLOW #4
5	YELLOW #5
6	YELLOW #6

### Outer Jacket

Outer Jacket Nominal Wall Thickness:	.078
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### Optical Characteristics

Maximum Attenuation @ 1310nm:	.50 dB/km
Maximum Attenuation @ 1550nm:	.50 dB/km

## Physical Characteristics (Overall)

### Outer Shield

Outer Shield Separator Material:	Water Blocking Tape
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### Outer Jacket

#### Outer Jacket Material:

Outer Jacket Material
CPE

### Overall Cable

Overall Nominal Diameter:	15.291 mm
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## Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
Bulk Cable Weight:	199.419 Kg/Km
Max. Recommended Pulling Tension:	742.849 N
Min. Bend Radius/Minor Axis:	152.400 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Rating:	TBD
UL Rating:	TBD
UL Style:	TBD
UL Type:	TBD
CSA Rating:	TBD
CSA Type:	TBD
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes

## 2824RW Composite - SMPTE Indoor/Outdoor 3 Channel

<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MIL Order #39 (China RoHS):</b>	Yes
<b>Other Specification:</b>	SMPTE 311

### Suitability

<b>Suitability - Indoor:</b>	Yes
<b>Sunlight Resistance:</b>	Yes

### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	No
<b>Plenum Number:</b>	N/A

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
2824RW 005CUT	1 FT	0.146 LB	GREEN, DARK		COMPOSITE CAMERA CABLE RSR
2824RW 0051000	1,000 FT	142.000 LB	GREEN, DARK		COMPOSITE CAMERA CABLE RSR
2824RW 0055000	5,000 FT	715.000 LB	GREEN, DARK		COMPOSITE CAMERA CABLE RSR

Revision Number: 0    Revision Date: 08-16-2017

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