



Part Number: 7824P

3-Channel SMPTE 311M Stadium Cable, 6 Single Mode Fiber, 6 Conductor 18 AWG and 6 Conductor 24 AWG, Plenum

Product Description

3-Channel SMPTE 311M Stadium Cable, 6 Single Mode Fiber, 6 TC Conductor (19x30) 18 AWG and 6 TC Conductor (7x32) 24 AWG, FEP Insulation, Beldfoil Shield, PVDF Jacket, Plenum

Technical Specifications

Product Overview

Environmental Space:	Indoor - Plenum
Suitable Applications:	3 Channel Composite Camera Cable

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
24	7x24	TC - Tinned Copper	0.024 in	6
18	19X30	TC - Tinned Copper	0.046 in	6

Conductor Count:	12
Conductor Size:	24 AWG

Insulation

Material	Nominal Diameter
FEP - Fluorinated Ethylene Propylene	0.038 in
FEP - Fluorinated Ethylene Propylene	0.078 in

Color Chart

Color
Red
Gray
White
Black

Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG
Tape	AL/POLYESTER	Beldfoil®	100 %	TC - Tinned Copper	0.030 in	22

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter
PVDF	0.553 in
	0.553 in

Electrical Characteristics

Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor Loop DCR
8.76 Ohm/km	

2.19 Ohm/km

Shielding:	Braid(s)
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Temperature Range

Operating Temp Range:	0C to 60C
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Mechanical Characteristics

Bulk Cable Weight:	193 lbs/1000ft
Max Recommended Pulling Tension:	167 lbs
Min Bend Radius/Minor Axis:	5.75 in

Standards

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
Other Specification:	SMPTE 311
Other Standards:	SMPTE 311

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
CA Prop 65 (CJ for Wire & Cable):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	UL910 Steiner Tunnel
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Plenum/Non-Plenum

Plenum (Y/N):	Y
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Part Number

Variants

Item #	Color
7824P 0051000	GREEN, DARK
7824P 0052000	GREEN, DARK

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