



**Part Number: 7825P**

SMPTE 311M, Electrical Camera Breakout Cable, 2 Conductor 16 AWG, 2 Conductor 22 AWG, CMP

## Product Description

SMPTE 311M, HD Composite, Electrical Camera Breakout Cable, 2 TC Conductor (19x29) 16 AWG and 2 TC Conductor (7x30) 22 AWG, TC Braid Shield (95% coverage), Flamarrest® Jacket, Plenum

## Technical Specifications

### Product Overview

Environmental Space:	Indoor - Plenum
Suitable Applications:	SMPTE 311M CAMERA CABLE

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
22	7x30	TC - Tinned Copper	0.025 in	2
16	19x29	TC - Tinned Copper	0.05 in	2

Conductor Count:	4
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#### Insulation

Material	Nominal Diameter
FEP - Teflon	0.050 in
FEP - Teflon	0.079 in

#### Color Chart

Color
Red
Gray
White
Black

#### Outer Shield Material

Type	Material	Coverage [%]
Braid	TC - Tinned Copper	95 %

#### Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.212 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor Loop DCR	Nominal Outer Shield DCR
17.5 Ohm/km	2.8 Ohm/1000ft
4.5 Ohm/km	

#### Temperature Range

Operating Temp Range:	-20C To +60C
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## Mechanical Characteristics

Bulk Cable Weight:	45 lbs/1000ft
Max Recommended Pulling Tension:	147 lbs
Min Bend Radius/Minor Axis:	2.25 in

## Standards

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
Other Specification:	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

## Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
CSA Flammability:	FT6

## Part Number

Plenum (Y/N):	Y
Plenum Number:	7825P
Non-Plenum Number:	7825R

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