



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	
Conductor Size:			22 AWG	

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	
Shielding: Braid(s)	

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, LSOH, Toxicity Testing

UL Flammability:	NFPA 262
CSA Flammability:	FT6

Plenum/Non-Plenum

Plenum (Y/N):	Y
Plenum Number:	7825P

Part Number

Non-Plenum Number:	7825R
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Variants

Item #	Color
7825P 8771000	Natural
7825P 8772000	Natural
7825P 8774000	Natural

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