



**Product:** [7825P](#)

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

### Product Description

SMPTE 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

Suitable Applications:	SMPTE CAMERA CABLE
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#### Multiconductor

##### Multiconductor Conductor and Insulation

Element	No. of Conductors	AWG	Stranding	Material	Nominal Conductor DCR	Insulation Material	Insulation Nominal Diameter
22 AWG	2	22	7x30	TC - Tinned Copper	15.1 Ohm/1000ft	FEP - Fluorinated Ethylene Propylene	0.050 in
16 AWG	2	16	19x29	TC - Tinned Copper	2.43 Ohm/1000ft	FEP - Fluorinated Ethylene Propylene	0.079 in

##### Multiconductor Color Chart

Description	Color
22 AWG	Red
22 AWG	Gray
16 AWG	White
16 AWG	Black

Shielding:	Braid
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##### Multiconductor UL Voltage

UL Description	UL Voltage Rating
22 AWG	300 V RMS
16 AWG	300 V RMS

#### Overall Cable

##### Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.212 in

##### Overall Shielding

Layer 1	Type	Material	Coverage
Overall	Braid	TC - Tinned Copper	90 %

Jacket:	PVC
Operating Temperature Range:	-20C To +60C
Max. Pull Tension:	147 lbs
Bulk Cable Weight:	45 lbs/1000ft

#### Applicable Standards & Environmental Programs

NEC/(UL) Compliance:	CMP
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CEC/C(UL) Compliance:	CMP
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
Other Specification:	SMPTE 311

## Flame Test

UL Flammability:	NFPA 262
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## Plenum/Non-Plenum

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

## History

Update and Revision:	Revision Number: 0.122 Revision Date: 11-09-2022
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## Variants

Item #	Color	UPC	Length
7825P 8771000	Natural	612825352167	1,000 ft
7825P 8772000	Natural	612825352174	2,000 ft
7825P 8774000	Natural	612825190035	4,000 ft

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