



**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
------------------------	--------------------

#### 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
------------	-------

##### 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
----------------------	-----

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

**Flame Test**

UL Flammability:	NFPA 262
------------------	----------

**Plenum/Non-Plenum**

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

**History**

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

**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

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.