



Product: [7825R](#)

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

Product Description

SMPTE HD Composite, Electrical Camera Breakout Cable, 2 Stranded Conductor (19x29) 16 AWG and 2 Stranded Conductor (7x30) 22 AWG, TC Braid Shield (95% coverage), PVC Jacket, CMR

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	PP - Polypropylene	0.053 in
16 AWG	2	16	19x29	TC - Tinned Copper	2.43 Ohm/1000ft	PP - Polypropylene	0.089 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	300V RMS
16 AWG	300V RMS

Overall Cable

Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.250 in

Overall Shielding

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

Jacket:	PVC
Operating Temperature Range:	-30C To +60C
Max. Pull Tension:	147 lbs
Bulk Cable Weight:	48 lbs/1000ft

Applicable Standards & Environmental Programs

NEC/(UL) Compliance:	CMR
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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:	UL 1666
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Plenum/Non-Plenum

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

History

Update and Revision:	Revision Number: 0.145 Revision Date: 11-09-2022
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Variants

Item #	Color	UPC	Length
7825R 0101000	Black	612825352204	1,000 ft
7825R 0102000	Black	612825418283	2,000 ft
7825R 0102500	Black	612825352198	2,500 ft
7825R 0104000	Black	612825190097	4,000 ft

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