Product: 7824P

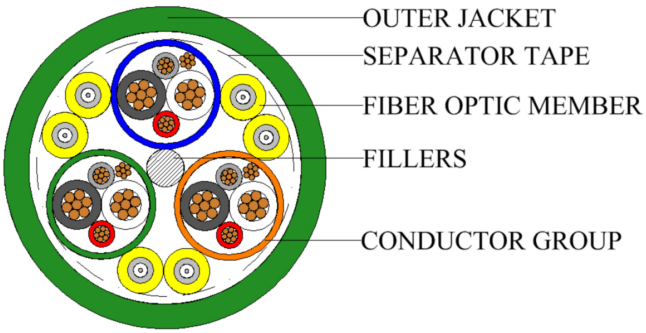


3-Channel SMPTE Stadium Cable, 6 Single Mode Fiber, 6 Conductor 18 AWG and 6 Conductor 24 AWG, Plenum

Product Description

3-Channel SMPTE Stadium Cable, 6 Single Mode Fiber, 6 TC Conductor (19x30) 18 AWG and 6 TC Conductor (7x32) 24 AWG, FEP Insulation, Beldfoil Shield, PVDF Jacket, Plenum

Technical Drawing



Technical Specifications

Product Overview

Product Category:	SMPTE Cable
Suitable Applications:	3 Channel Composite Camera Cable

Fiber Specifications

Fiber Type:	OS2, G.657.A2
Fiber Buffer Material:	PVC - Polyvinyl Chloride
Fiber Buffer Diameter:	900 µm
Fiber Count:	6
Fiber Color Code:	Yellow Printed

Fiber Construction

Fibers Per Subunit:	1

Conductor Specifications

Conductor Size:	24 AWG, 18 AWG
Insulation Material:	FEP

Outer Jacket Specifications

Jacket Material:	PVDF - Polyvinylidene Fluoride
Nom. Diameter:	0.553 in (14.0 mm)

Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.50 dB/km	0.50 dB/km

Mechanical Characteristics

Bulk Cable Weight:	193 lbs/1000ft (287 kg/km)

Temperature Range

Operating Temperature Range:	0°C to 70°C
Installation Temperature Range:	0°C to 70°C
Storage Temperature Range:	0°C to 70°C

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, FT6
NEC / UL Compliance:	CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	SMPTE 311

History

Update and Revision:	Revision Number: 0.268 Revision Date: 09-25-2025

Part Numbers

Variants

Item #	Put-Up Type	Length	UPC
7824P 005CUT	Reel		
7824P 0051000	Reel	1,000 ft	612825352266
7824P 0052000	Reel	2,000 ft	612825443001
7824P 0054000	Reel	4,000 ft	612825190004

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