



**Product:** [7844P](#) 

4-Channel SMPTE Stadium Cable, 8 Single Mode Fiber, 8 Conductor 18 AWG and 8 Conductor 24 AWG, Plenum

## Product Description

4-Channel SMPTE Stadium Cable, 8 Single Mode Fiber, 8 TC Conductor (19x30) 18 AWG and 8 TC Conductor (7x32) 24 AWG, FEP Insulation, Beldfoil Shield, PVDF Jacket, Plenum

## Technical Specifications

### Product Overview

Product Category:	SMPTE Cable
Suitable Applications:	4 Channel Composite Camera Cable

### Fiber Specifications

Fiber Buffer Material:	PVC - Polyvinyl Chloride
Fiber Buffer Diameter:	900 µm
Fiber Color Code:	TIA-598-D

### Fiber Construction

Fibers Per Subunit:	1
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### Conductor Specifications

Insulation Material:	FEP
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### Outer Jacket Specifications

Nom. Diameter:	0.477 in (12.1 mm)
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### 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)
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### 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/Outdoor, Indoor, Outdoor, Sunlight Resistance, UV Resistance, Aerial - When supported by messenger wire
Flammability / Reaction to Fire:	NFPA 262
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: 0.30 Revision Date: 09-25-2025

## Part Numbers

### Variants

Item #	Put-Up Type	Length
7844P 0101000	Reel	1,000 ft
7844P 0104000	Reel	4,000 ft

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