

**Product:** [7804C](#) 

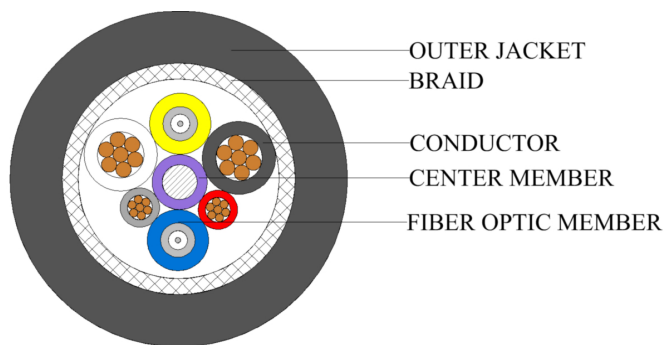
SMPTE 311M Cable, 2 Fiber, 2 Conductor 24 AWG, 2 Conductor 16 AWG, Belflex® Jacket, CMR



## Product Description

Heavy Gauge SMPTE 311M HDTV, 2 Single Mode fibers, 2 TC Conductors 24 AWG stranded (7x32) and 2 TC Conductors 16 AWG stranded (65x34), PVC insulation TC braid shield (95% coverage), CMR rating, Belflex® jacket.

## Technical Drawing



## Technical Specifications

### Product Overview

Product Category:	SMPTE Cable
Suitable Applications:	SMPTE 311M HDTV Cable

### Fiber Specifications

Fiber Type:	OS2, G.657.A2
Fiber Buffer Material:	PVC - Polyvinyl Chloride
Fiber Buffer Diameter:	900 µm
Fiber Count:	2
Fiber Color Code:	Yellow, Blue

### Fiber Construction

Fibers Per Subunit:	1
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### Conductor Specifications

Conductor Size:	24 AWG, 16 AWG
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### Outer Jacket Specifications

Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.362 in (9.19 mm)

### Optical Characteristics

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

### Mechanical Characteristics

Crush Resistance:	Compression, FOTP-41; 397 lbs.
Bulk Cable Weight:	81.3 lbs/1000ft (121 kg/km)

## Temperature Range

Operating Temperature Range:	-40°C to 70°C
Installation Temperature Range:	-10°C to 70°C
Storage Temperature Range:	-40°C to 70°C

## Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1666 Vertical Shaft
NEC / UL Compliance:	CMR
CEC / C(UL) Compliance:	CMG
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

## Product Notes

Notes:	Plenum version and other conductor counts/diameters available by special order.
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## History

Update and Revision:	Revision Number: 0.177 Revision Date: 09-25-2025
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## Part Numbers

### Variants

Item #	Put-Up Type	Length	UPC
7804C B59CUT	Reel		
7804C B591000	Reel	1,000 ft	612825189381
7804C B591640	Reel	1,640 ft	612825418276
7804C B592500	Reel	2,500 ft	612825189398
7804C B593280	Reel	3,280 ft	612825189404

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