

Product: [7804C](#) 

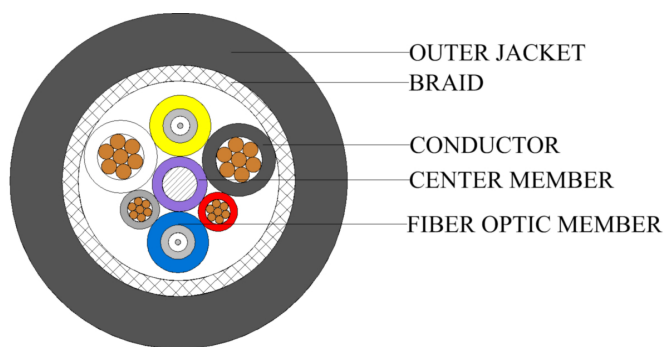


SMPTE 311M Cable, 2 Fiber, 2 Conductor 24 AWG, 2 Conductor 16 AWG, Belflex® Jacket, CMR

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
---------------------	---

Conductor Specifications

Conductor Size:	24 AWG, 16 AWG
-----------------	----------------

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.
--------	---

History

Update and Revision:	Revision Number: 0.177 Revision Date: 09-25-2025
----------------------	--

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

© 2026 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.