

Product: [7804R](#) 

SMPTE 311M Cable, 2 Fiber, 2 Conductor 24 AWG, 4 Conductor 20 AWG, Belflex® Jacket, CMR

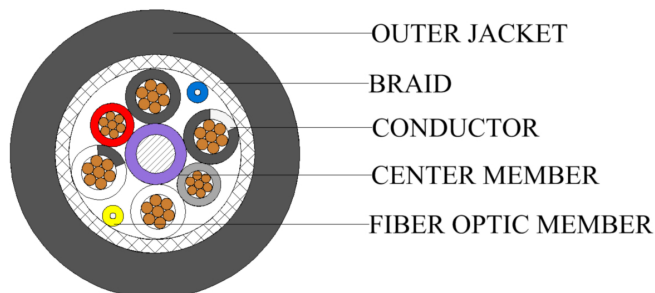


REPRESENTATIVE IMAGE

Product Description

Industry Standard SMPTE 311M Cable, 2 Single Mode Fibers, 2 TC Conductors 24 AWG (7x32) and 4 TC Conductors 20 AWG (19x32), PVC Insulation, TC Braid Shield (95% coverage), Belflex® Jacket, Riser

Technical Drawing



Technical Specifications

Product Overview

Product Category:	SMPTE Cable
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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

Conductor Specifications

Conductor Size:	24 AWG, 20 AWG
Insulation Material:	Polyolefin (PO, PE, PP)

Outer Jacket Specifications

Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.357 in (9.07 mm)

Optical Characteristics

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

Mechanical Characteristics

Bulk Cable Weight:	80 lbs/1000ft (120 kg/km)
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Temperature Range

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

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor
Flammability / Reaction to Fire:	UL1666 Vertical Shaft, FT4
NEC / UL Compliance:	CMR
CEC / C(UL) Compliance:	CMG
CPR Euroclass:	Eca
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

History

Update and Revision:	Revision Number: 0.334 Revision Date: 09-25-2025
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Part Numbers

Variants

Item #	Put-Up Type	Length	UPC
7804R B59CUT	Reel		612825189503
7804R B591000	Reel	1,000 ft	612825378648
7804R B591640	Reel	1,640 ft	612825189480
7804R B593280	Reel	3,280 ft	612825189497
7804R B59500	Reel	500 ft	612825378655

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