



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

Indoor/Mobile Duty SMPTE 311M Cable, 2 Fiber, 2 Conductor 24 AWG, 4 Conductor 20 AWG, FRNC jacket

## Product Description

Indoor/Mobile SMPTE 311M Cable, 2 Single Mode Fibers, 2 TC Conductors 24 AWG (7x32) and 4 TC Conductors 20 AWG (19x32), FRNC Insulation, TC Braid Shield (80% coverage), FRNC Jacket

## Technical Specifications

### Product Overview

Suitable Applications:	SMPTE 311M CAMERA CABLE
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### Multiconductor

#### Multiconductor Conductor and Insulation

Element	No. of Conductors	AWG	Stranding	Material	Nominal Conductor DCR	Insulation Material	Insulation Nominal Diameter
24 AWG	2	24	7x32	TC - Tinned Copper	92 Ohm/km	LSZH/FRNC	1.22 mm
20 AWG	4	20	19x32	TC - Tinned Copper	36 Ohm/km	LSZH / FRNC	1.57 mm

#### Multiconductor Color Chart

Description	Color
24 AWG	Red
24 AWG	Gray
20 AWG	Black
20 AWG	White
20 AWG	White/Black
20 AWG	Black/White

Shielding:	Braid
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#### Multiconductor UL Voltage

UL Description
24 AWG
20 AWG

### Fiber

#### Fiber Cable Construction

Fiber Type	Fiber Count
OS2	2

Fiber Color Coding:	Yellow, Blue
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#### Buffer Specification

Buffer Material	Buffer Diameter
Thermoplastic	900 µm

Mode Field Diameter:	9.2 µm
Wavelength@Optical SM1:	1310 nm, 1550 nm
Max. Attenuation at 1310 nm:	0.50 dB/km
Max. Attenuation at 1550 nm:	0.50 dB/km

## Overall Cable

### Outer Jacket

Nominal Diameter
9.2 mm

### Overall Shielding

Layer 1	Type	Material	Coverage
Overall	Braid	TC - Tinned Copper	80 %

Jacket:	LSZH / FRNC
Operating Temperature Range:	-40°C To +75°C
Installation Temperature Range:	-10°C To +70°C
Storage Temperature Range:	-40°C To +75°C
Max. Pull Tension:	1350 N

### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU CE Mark:	Yes
CPR Euroclass:	Cca-s1,d1,a1
IEC 60754-1 - Halogen Amount:	Zero

### Suitability

Suitability - Indoor:	Yes
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### Flame Test

IEC Flammability:	IEC 60332-1-2
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### Plenum/Non-Plenum

Plenum (Y/N):	N
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### History

Update and Revision:	Revision Number: 0.49 Revision Date: 11-27-2023
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