



Product: [7804ELW](#)

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

Product Description

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

Technical Specifications

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	23.3 Ohm/1000ft	PE - Polyethylene	0.043 in
20 AWG	4	20	19x32	TC - Tinned Copper	8.8 Ohm/1000ft	PE - Polyethylene	0.057 in

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	UL Voltage Rating
24 AWG	300 V RMS
20 AWG	300 V RMS

Fiber

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	2

Fiber Color Coding:	Yel, Blu
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Buffer Specification

Buffer Material	Buffer Diameter
PVC - Polyvinyl Chloride	900 µm

Mode Field Diameter:	9.2 µm
Wavelength@Optical SM1:	1310 nm, 1550 nm
Max Attenuation at 1310 nm:	0.5 dB/km
Max Attenuation at 1550 nm:	0.5 dB/km

Overall Cable

Outer Jacket Material

Material	Nominal Diameter	Separator Material
PVC - Polyvinyl Chloride	0.357 in	PVC - Polyvinyl Chloride

Overall Shielding

Layer 1	Type	Material	Coverage
Overall	Braid	TC - Tinned Copper	95 %

Jacket:	PVC
Separator Material@OuterJacket1 1:	PVC - Polyvinyl Chloride
Operating Temp Range:	-40°C To +75°C
Installation Temp Range:	-10°C To +70°C
Storage Temp Range:	-40°C To +75°C
Max. Pull Tension:	1350 N
Bulk Cable Weight:	80 lbs/1000ft

Applicable Standards & Environmental Programs

NEC/(UL) Compliance:	UL AWM Style 20907 (300V 60C)
EU Directive 2011/65/EU (ROHS II):	Compliant
EU Directive 2015/863/EU:	Compliant
EU Directive 2000/53/EC (ELV):	Compliant
EU Directive 2012/19/EU (WEEE):	Compliant
EU Directive 2003/11/EC (BFR):	Compliant
Other Compliance:	SMPTE 311

Suitability

Suitability - Indoor:	Yes
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Flame Test

UL Flammability:	VW-1
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Plenum/Non-Plenum

Plenum (Y/N):	N
Non-Plenum Number:	7804R, 7804WB

Overall Armor Shield

Update and Revision:	Revision Number: 0.28 Revision Date: 10-15-2020
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