



Part Number: 7804LW

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), PO Insulation, TC Braid Shield (85% coverage), Belflex® Jacket

Technical Specifications

Product Overview

Environmental Space:	Indoor/Outdoor
Suitable Applications:	SMPTE 311M CAMERA CABLE

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
24	7x32	TC - Tinned Copper	0.024 in	2
20	19X32	TC - Tinned Copper	0.037 in	4
Conductor Count:			6	
Conductor Size:			24 AWG	

Insulation

Material	Nominal Diameter
PO - Polyolefin	0.048 in
PO - Polyolefin	0.062 in

Color Chart

Color
Red
Gray
White
White
Black
Black

Outer Shield Material

Type	Material	Coverage [%]
Braid	TC - Tinned Copper	85 %

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.357 in
	0.357 in

Construction and Dimensions

Cabling

Filler
4XPOLYPROPYLENE CABLE FILLERS

Electrical Characteristics

Conductor DCR

Nominal Conductor Loop DCR	Nominal Outer Shield DCR
23.3 Ohm/km	3.5 Ohm/1000ft
8.8 Ohm/km	

Shielding:	Braid(s)
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Temperature Range

Operating Temp Range:	-40C To +75C
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Mechanical Characteristics

Bulk Cable Weight:	80 lbs/1000ft
Max Recommended Pulling Tension:	450 lbs
Min Bend Radius/Minor Axis:	2.5 in

Standards

NEC/(UL) Specification:	UL AWM Style 20907 (300V 60C)
Other Specification:	SMPTE 311

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
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Plenum/Non-Plenum

Plenum (Y/N):	N
Plenum Number:	7804P

Part Number

Non-Plenum Number:	7804R, 7804WB
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Variants

Item #	Color
7804LW 0103280	BLACK
7804LW 0101000	BLACK
7804LW 010500	BLACK
7804LW 010B	BLACK

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