



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)

Temperature Range

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

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

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
------------------	------

Plenum/Non-Plenum

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

Part Number

Non-Plenum Number:	7804R, 7804WB
--------------------	---------------

Variants

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

© 2018 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.