



Part Number: 7804R

SMPTE 311M Cable, 2 Fiber, 2 Conductor 24 AWG, 4 Conductor 20 AWG,

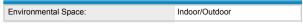
Belflex® Jacket, CMR

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 Specifications

Product Overview



Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nomi	nal 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



Outer Shield Material

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

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	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:	CMR
CEC/C(UL) Specification:	CMG
CPR Euroclass:	Eca
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

Suit	ability - Indoor:	Yes	

Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft
IEEE Flammability:	1202

Plenum/Non-Plenum

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

Part Number

Variants

Item #	Color	Footnote
7804R B591000	MATTE BLACK	С
7804R B591640	MATTE BLACK	С
7804R B593280	MATTE BLACK	С
7804R B59500	MATTE BLACK	С

Footnote: C - CRATE REEL PUT-UP.

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