Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1164B Coax - Bundled RGB Coaxial Cable



For more Information please call

1-800-Belden1



General Description:

26 AWG stranded (7x34) .019" bare copper conductors, foam HDPE insulation, Duofoil® + tinned copper braid shield (95% coverage), overall PVC jacket, inner PVC jacket.

3

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
3	26	7x34	BC - Bare Copper	.019

Total Number of Conductors:

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FHDPE - Foam High Density Polyethylene	.089

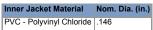
Inner Shield

Inner Shield Material:

Layer # Inner Shield Trade Name		Type	Inner Shield Material	Coverage (%)
1	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100.000
2		Braid	TC - Tinned Copper	95.000

Inner Jacket

Inner Jacket Material:



Inner Jacket Color Code Chart:

Number	Color
1	Red
2	Green
3	Blue

Outer Jacket

Outer Jacket Material:

Outer Jacket Material PVC - Polyvinyl Chloride

Overall Cable

Overall Cabling Separator Material:	Polyester Tape		
Overall Nominal Diameter:	0.388 in.		
chanical Characteristics (Overall)			

Mec

Operating Temperature Range:	-40°C To +60°C		
UL Temperature Rating:	60°C (UL AWM Style 1354)		
Bulk Cable Weight:	70 lbs/1000 ft.		
Max. Recommended Pulling Tension:	103 lbs.		
Min. Bend Radius/Minor Axis:	4 in.		

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM		
CEC/C(UL) Specification:	CM		
AWM Specification:	UL Style 1354 (30 V 60°C) (each coax); UL Style 2668 (overall)		
EU Directive 2011/65/EU (ROHS II):	Yes		
EU CE Mark:	No		

Page 1 of 3 04-18-2017

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1164B Coax - Bundled RGB Coaxial Cable

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Other Specification:	SMPTE
lame Test	
UL Flame Test:	UL1685 UL Loading
lenum/Non-Plenum	
Plenum (Y/N):	No
Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
75

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft) 17.3

Nominal Velocity of Propagation:

VP (%) 78

Nominal Delay:

Delay (ns/ft) 1.30

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 41.5

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 8.6

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	0.6
5	1.3
10	1.8
30	3.1
50	3.9
100	5.4
200	7.5
400	10.4
700	13.5
900	15.2
1000	15.9

Max. Operating Voltage - UL:

Voltage 30 V RMS (UL AWM Style 1354) 300 V RMS (CM)

Minimum Return Loss:

Description Freq. (MHz) Start Freq. (MHz) Stop Freq. (MHz) Min. RL (dB)

| 10 | 40 | 25

Sweep Test

Sweep Testing: 100% sweep tested 10 MHz to 40 MHz.

Misc. Information (Overall)

Put Ups and Colors:

Item #		Putup	Ship Weight	Color	Notes	Item Desc
1164B 01	01000	1,000 FT	78.000 LB	BLACK	С	3 #26 FPE SH PVC PVC

Page 2 of 3 04-18-2017

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



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1164B 010500	500 FT	38.000 LB	BLACK	С	3 #26 FPE SH PVC PVC

Notes

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 10-15-2012

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04-18-2017