



Product: [1164B](#)

RGB Video, #26-3 Coax Stranded BC, CM

Product Description

RGB Video Coax, 3-26 AWG Stranded (7x34) Bare Copper Conductors, Foam PE Insulation, Duofoil® + 95% Tinned Copper Interlocked Braid, Inner PVC jackets, Overall PVC Jacket, CM

Technical Specifications

Product Overview

Suitable Applications:	RGB Projectors, LCD Projectors, Video Distribution, Component Video, Graphic Displays, Special Effects Editing, Animation, Video Post Production, Home Theater, Offices, Boardrooms, Auditoriums, Teleconferencing, Theaters
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Construction Details

RG Type:	Mini 59
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Conductor

Element	No. of Elements	Size	Stranding	Nom. Diameter	Material
Coax(es)	3	26 AWG	7x34	0.019 in	BC - Bare Copper

Insulation

Material	Nom. Insulation Diameter	Color Code
PE - Polyethylene (Foam)	0.089 in (2.3 mm)	Red, Blue, Green

Inner Shield

Layer	Shield Type	Material	Material Trade Name	Coverage
1	Tape	Tri-Laminate (Alum+Poly+Alum)	Duofoil®	100%
2	Braid	Tinned Copper (TC)		95%

Inner Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.146 in (3.71 mm)

Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.388 in (9.86 mm)

Electrical Characteristics

Return Loss (RL)

Frequency	Min. Return Loss
10-40 MHz	25 dB

Attenuation

Frequency	Nom. Attenuation
1 MHz	0.6 dB/100ft
5 MHz	1.3 dB/100ft
10 MHz	1.8 dB/100ft
30 MHz	3.1 dB/100ft
50 MHz	3.9 dB/100ft

100 MHz	5.4 dB/100ft
200 MHz	7.5 dB/100ft
400 MHz	10.4 dB/100ft
700 MHz	13.5 dB/100ft
900 MHz	15.2 dB/100ft
1000 MHz	15.9 dB/100ft

Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
41.5 Ohm/1000ft	7.7 Ohm/1000ft (25 Ohm/km)	17.3 pF/ft (56.8 pF/m)	75 Ohm	78%

Voltage

UL Voltage Rating	
300 V RMS, 300 V RMS (CM)	
Electrical Characteristics Notes:	30 V RMS (UL AWM Style 1354), 300 V RMS (CM)

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-40°C To +60°C

Bend Radius

Stationary Min.	Installation Min.
3.88 in (98.6 mm)	3.88 in (98.6 mm)

Max. Pull Tension:	103 lbs (46.7 kg)
Bulk Cable Weight:	70 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL1685 UL Loading
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 1354 (30 V 60°C) (each coax), AWM 2668 (overall)
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.440 Revision Date: 04-29-2024
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1164B 010500	Black	Reel	500 ft	612825355052	C
1164B 0101000	Black	Reel	1,000 ft	612825355069	C

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