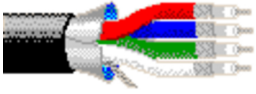


**Part Number: 1521A**

RGB Video, Mini #30-4 Coax Stranded TC, CL2



## Product Description

RGB Video Coax, CL2-Rated, 4-30 AWG stranded tinned copper conductors, foam HDPE insulation, Duofoil® +90% tinned copper braid shield, overall Beldfoil® shield, inner PVC jackets, PVC jacket

## Technical Specifications

### Product Overview

Environmental Space:	Indoor (Not Riser or Plenum)
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
30	7x38	TC - Tinned Copper	0.012 in	4

Conductor Count:	4
AWG Size:	30

#### Insulation

Material	Nominal Diameter
FHDPE - Foamed High Density Polyethylene	0.056 in

#### Color Chart

Number	Color
1	Red
2	Green
3	Blue
4	White

#### Inner Shield Material

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Aluminum Foil-Polyester Tape-Aluminum Foil	Duofoil®	100 %
Braid	2	TC - Tinned Copper		90 %

#### Inner Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.102 in

#### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %

#### Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.31 in

## Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR	Outer Conductor DCR
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100 Ohm/1000ft	100 Ohm/1000ft	9.5 Ohm/1000ft	9.5 Ohm/1000ft
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#### Capacitance

Nom. Capacitance Conductor to Other Conductor	Nom. Capacitance Conductor to Shield
17.3 pF/ft	17.3 pF/ft

#### Impedance

Nominal Characteristic Impedance
75 Ohm

#### Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
10-40 MHz	25 dB

#### High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.8 dB/100ft
5 MHz	1.5 dB/100ft
10 MHz	2.2 dB/100ft
30 MHz	4 dB/100ft
50 MHz	5.4 dB/100ft
100 MHz	8.2 dB/100ft
200 MHz	12.5 dB/100ft
400 MHz	18.9 dB/100ft
700 MHz	26.5 dB/100ft
900 MHz	30.8 dB/100ft
1000 MHz	32.8 dB/100ft

#### Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.3 ns/ft	78 %

#### Voltage

UL Voltage Rating	Voltage Rating [V]
300 V RMS	30 V RMS
300 V RMS (CL2)	

Electrical Characteristics Notes:	30 V RMS (UL AWM Style 1354); 300 V RMS (CL2)
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#### Temperature Range

Non-UL Temp Rating:	60°C
UL Temp Rating:	60°C
Operating Temp Range:	-40°C To +60°C

#### Mechanical Characteristics

Bulk Cable Weight:	55 lbs/1000ft
Max Recommended Pulling Tension:	56 lbs
Min Bend Radius/Minor Axis:	3 in

#### Standards

NEC/(UL) Specification:	CL2
UL AWM Style:	UL Style 1354 (each coax); UL Style 2688 (overall)
CPR Euroclass:	Eca
RG Type:	Sub-miniature RG-59/U Type
Series Type:	Sub-miniature 59

#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Part Number

Plenum (Y/N):	No
Suggested Connectors:	Kings #2025-57-9
Footnote:	C - CRATE REEL PUT-UP.

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