



Product: [1395P](#)



RGB Video, Mini Hi-Res, 25 AWG 5 Coax Solid TC, CMP

Product Description

RGB Video Cable, 5 coax, 25 AWG solid tinned copper, foam FEP insulation, Duofoil® shield+95% tinned copper serve, inner Flamarrest® jackets, CMP overall Flamarrest® jacket.

Technical Specifications

Product Overview

Suitable Applications:	Video
Suitable Applications:	Video

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
25	Solid	TC - Tinned Copper	0.018 in	5

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
25	Solid	TC - Tinned Copper	0.018 in	5

Conductor Count:	5
Conductor Count:	5

Insulation

Material	Nominal Diameter
PE - Polyethylene (Foam)	0.074 in

Insulation

Material	Nominal Diameter
PE - Polyethylene (Foam)	0.074 in

Inner Shield

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Tri-Laminate (Alum+Poly+Alum)	Duofoil®	100%
Spiral Serve / Screen	2	Tinned Copper (TC)		95%

Inner Shield

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Tri-Laminate (Alum+Poly+Alum)	Duofoil®	100%
Spiral Serve / Screen	2	Tinned Copper (TC)		95%

Inner Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.105 in

Inner Jacket

Material	Nominal Diameter
----------	------------------

PVC - Polyvinyl Chloride	0.105 in
--------------------------	----------

Outer Shield

Material
Tri-Laminate (Alum+Poly+Alum)

Outer Shield

Material
Tri-Laminate (Alum+Poly+Alum)

Outer Jacket

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.320 in	Yes

Outer Jacket

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.320 in	Yes

## Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Outer Conductor DCR
34 Ohm/1000ft	5.4 Ohm/1000ft

Conductor DCR

Nominal Conductor DCR	Outer Conductor DCR
34 Ohm/1000ft	5.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Shield
16.8 pF/ft

Capacitance

Nom. Capacitance Conductor to Shield
16.8 pF/ft

Impedance

Nominal Characteristic Impedance
75 Ohm

Impedance

Nominal Characteristic Impedance
75 Ohm

Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
5 - 850 MHz	15 dB

Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
5 - 850 MHz	15 dB

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.4 dB/100ft
5 MHz	0.9 dB/100ft
50 MHz	3.7 dB/100ft
100 MHz	5 dB/100ft
200 MHz	7 dB/100ft
400 MHz	10 dB/100ft
750 MHz	14.5 dB/100ft
1000 MHz	17 dB/100ft
2250 MHz	17.5 dB/100ft
3000 MHz	37 dB/100ft

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.4 dB/100ft
5 MHz	0.9 dB/100ft
50 MHz	3.7 dB/100ft
100 MHz	5 dB/100ft
200 MHz	7 dB/100ft
400 MHz	10 dB/100ft
750 MHz	14.5 dB/100ft
1000 MHz	17 dB/100ft
2250 MHz	17.5 dB/100ft
3000 MHz	37 dB/100ft

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.25 ns/ft	81%

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.25 ns/ft	81%

Voltage

UL Voltage Rating
300 V RMS

Voltage

UL Voltage Rating
300 V RMS

Electrical Characteristics Notes:	Return Loss: Fixed Bridge and Termination
Electrical Characteristics Notes:	Return Loss: Fixed Bridge and Termination

Temperature Range

Non-UL Temp Rating:	75°C
Non-UL Temp Rating:	75°C
UL Temp Rating:	60°C
UL Temp Rating:	60°C
Operating Temperature Range:	0°C To +75°C
Operating Temperature Range:	0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	45 lbs/1000ft
Bulk Cable Weight:	45 lbs/1000ft
Max. Pull Tension:	61 lbs
Max. Pull Tension:	61 lbs
Min Bend Radius (Overall):	3.2 in
Min Bend Radius (Overall):	3.2 in
Min Bend Radius (Each Coax):	1.1 in
Min Bend Radius (Each Coax):	1.1 in

Standards

NEC/(UL) Compliance:	CMP
NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP
RG Type:	Sub-miniature 59
RG Type:	Sub-miniature 59

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Plenum
Environmental Space:	Indoor - Plenum

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
MII Order #39 (China RoHS):	Yes
MII Order #39 (China RoHS):	Yes

### Suitability

Suitability - Indoor:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	No
Suitability - Outdoor:	No

### Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
UL Flammability:	NFPA 262
UL voltage rating:	300 V RMS
UL voltage rating:	300 V RMS

### Plenum/Non-Plenum

Plenum (Y/N):	Yes
Plenum (Y/N):	Yes

### Related Part Numbers

Non-Plenum Number:	1395R
Non-Plenum Number:	1395R

#### Variants

Item #	Color	Put-Up Type	Length	UPC
1395P 010250	Black	Reel	250 ft	612825114406
1395P 010U250	Black	UnReel	250 ft	612825114383
1395P 010500	Black	Reel	500 ft	612825114413
1395P 0101000	Black	Reel	1,000 ft	612825114390
1395P 008250	Gray	Reel	250 ft	612825114369
1395P 008500	Gray	Reel	500 ft	612825114376
1395P 0081000	Gray	Reel	1,000 ft	612825114352

#### Variants

Item #	Color	Put-Up Type	Length	UPC
1395P 010250	Black	Reel	250 ft	612825114406
1395P 010U250	Black	UnReel	250 ft	612825114383
1395P 010500	Black	Reel	500 ft	612825114413
1395P 0101000	Black	Reel	1,000 ft	612825114390
1395P 008250	Gray	Reel	250 ft	612825114369
1395P 008500	Gray	Reel	500 ft	612825114376
1395P 0081000	Gray	Reel	1,000 ft	612825114352

### Product Notes

Notes:	Rip cord under jacket
--------	-----------------------

Notes:	Rip cord under jacket
--------	-----------------------

History

Update and Revision:	Revision Number: 0.380 Revision Date: 05-31-2024
Update and Revision:	Revision Number: 0.380 Revision Date: 05-31-2024

© 2024 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.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable:](#)

[1395P 0081000](#) [1395P 008250](#) [1395P 008500](#) [1395P 0101000](#) [1395P 010250](#) [1395P 010500](#) [1395P 010U250](#)