
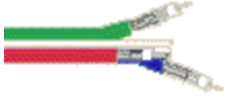


**Product:** [1281S3](#) 

RGB Video, Mini Hi-Res, Banana Peel #25-3 Coax TC, CMR



### Product Description

RGB Video Coax, Riser-CMR, 3-25 AWG tinned copper conductors, foam HDPE insulation, Duobond® foil + 95% tinned copper interlocked serve shield, inner PVC jackets, Banana Peel construction

### Technical Specifications

#### Product Overview

Suitable Applications:	RGB, VGA, SVGA, XGA, SXGA, UXGA, HDTV, LCD, Plasma, Digital Signage, Component Video, Video Mult, Animation, Special effects
------------------------	--

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
25	Solid	TC - Tinned Copper	0.018 in	3

Conductor Count:	3
------------------	---

##### Insulation

Material	Nominal Diameter
PE - Polyethylene (Foam)	0.074 in

Table Notes:	Gas Injected
--------------	--------------

##### Color Chart

Number	Color
1	Red
2	Green
3	Blue

##### Inner Shield Material

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

Table Notes:	Tape lightly bonded to dielectric
--------------	-----------------------------------

##### Inner Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.114 in

##### Outer Shield Material

Material
No Shield

##### Outer Jacket Material

Material	Nominal Diameter
Banana Peel (No Overall Jacket)	0.246 in

#### Construction and Dimensions

## Cabling

Filler

Bonded Spline

## Electrical Characteristics

### Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	Nominal Inner Shield DCR	Outer Conductor DCR
34 Ohm/1000ft	34 Ohm/1000ft	5.4 Ohm/1000ft	4.8 Ohm/1000ft

### Capacitance

Nom. Capacitance Conductor to Shield

17 pF/ft

### Inductance

Nominal Inductance

0.087  $\mu$ H/ft

### Impedance

Nominal Characteristic Impedance

75 Ohm

### Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
5-850 MHz	20 dB

### High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.52 dB/100ft
5 MHz	1.17 dB/100ft
50 MHz	3.7 dB/100ft
100 MHz	4.9 dB/100ft
200 MHz	6.7 dB/100ft
400 MHz	9.5 dB/100ft
750 MHz	13.4 dB/100ft
900 MHz	15 dB/100ft
1000 MHz	15.8 dB/100ft
3000 MHz	31.2 dB/100ft

### Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.24 ns/ft	80%

### Voltage

Non-UL Voltage Rating	UL Voltage Rating
300 V RMS	300 V RMS

## Temperature Range

Non-UL Temp Rating:	75°C
UL Temp Rating:	60°C
Operating Temp Range:	-40°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	25 lbs/1000ft
Max. Pull Tension:	50 lbs
Min Bend Radius (Overall):	2.5 in
Min Bend Radius (Each Coax):	1.1 in

## Standards

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

## Applicable Environmental and Other Programs

Environmental Space:	Indoor - Riser
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
-----------------------	-----

## Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1666 Vertical Shaft
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	1282S3, 1277P

## Part Number

### Variants

Item #	Color	Putup Type	Length	UPC
1281S3 000500	None	Reel	500 ft	612825355144
1281S3 0001000	None	Reel	1,000 ft	612825355182

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

## History

Update and Revision:	Revision Number: 0.264 Revision Date: 05-26-2021
----------------------	--

© 2021 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.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Coaxial Cables](#) category:*

*Click to view products by [Belden](#) manufacturer:*

Other Similar products are found below :

[89880-003-1000](#) [CY2389-000](#) [8221-010-U1000](#) [9116-010-U500](#) [1322R-010-1000](#) [1807A-B59-U1000](#) [2020K8421-9X-CS3417](#) [9251-010-1000](#) [9275-010-U1000](#) [935240-000](#) [980704-001](#) [CF2823-000](#) [33312-010-500](#) [CZ1589-000](#) [5022W0809-0CS3263](#) [10610-4-4](#) [EF8108-000](#) [1673B TIN100](#) [672525-001](#) [144517-000](#) [735A1-008-1000](#) [134655-000](#) [8212-010-U500](#) [480414-000](#) [7915A 009U1000](#) [5024A1311-0](#) [1281S5 010250](#) [1530A 010U1000](#) [9248 010U1000](#) [7809WB 010500](#) [9244 0101000](#) [1694A 0081000](#) [1190A 0101000](#) [8241F J5C1000](#) [1674A TIN50](#) [7915A 0091000](#) [TRCH-50-2](#) [9066 0031000](#) [7805R 008100](#) [1674A TIN100](#) [9116SB 0101000](#) [9271 0061000](#) [1613A 0101000](#) [1807A B591000](#) [5339Q5 009U500](#) [539945 0091000](#) [9116R 0101000](#) [89207 010100](#) [9058 0101000](#) [8241A 0101000](#)