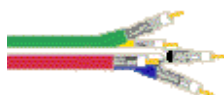


## 1283S5 Coax - Banana Peel® Unjacketed VideoFLEX® Bundles



For more Information  
please call

1-800-Belden1



### General Description:

20 AWG solid .032" bare copper conductors, foam FEP insulation, Duofoil® + tinned copper braid shield (95% coverage), Flamarrest® jackets in colors, center spline binder.

### Usage (Overall)

#### Suitable Applications:

RGB, VGA, SVGA, XGA, SXGA, UXGA, HDTV, LCD, Plasma, Digital Signage, Component Video, Video Mult, Animation, Special Effects. Suitable for use in Plenum spaces

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
5	20	Solid	BC - Bare Copper	.032

Total Number of Conductors: 5

#### Insulation

##### Insulation Material:

Insulation Material	Dia. (in.)
FFEP - Foam Fluorinated Ethylene Propylene	.133

#### 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
2		Braid	TC - Tinned Copper	95

#### Inner Jacket

##### Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
Plenum Grade PVC - Polyvinyl Chloride	.196

##### Inner Jacket Color Code Chart:

Number	Color
1	Red
2	Green
3	Blue
4	White
5	Yellow

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material
Unjacketed

#### Overall Cable

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Overall Cabling Fillers:	Bonded Spline
Overall Nominal Diameter:	0.529 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	60°C
Non-UL Temperature Rating:	75°C
Bulk Cable Weight:	161 lbs/1000 ft.
Max. Recommended Pulling Tension:	216 lbs.
Min. Bend Radius/Minor Axis:	6.500 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	06/01/2005
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
RG Type:	59/U

**Flame Test**

UL Flame Test:	NFPA 262
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**Suitability**

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

**Plenum/Non-Plenum**

Plenum (Y/N):	Yes
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**Electrical Characteristics (Overall)****Nom. Characteristic Impedance:**

Impedance (Ohm)
75

**Nom. Inductance:**

Inductance (μH/ft)
0.107

**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)
16.2

**Nominal Velocity of Propagation:**

VP (%)
83

**Nominal Delay:**

Delay (ns/ft)
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1.22

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

10.0

**Nom. Inner Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

3.8

**Nom. Attenuation:**

Freq. (MHz) Attenuation (dB/100 ft.)

1	0.3
3.6	0.6
10	0.9
71.5	2.1
135	2.7
270	3.8
360	4.4
540	5.5
720	6.4
750	6.5
1000	7.6
1500	9.4
2500	12.4
3000	13.8

**Max. Operating Voltage - UL:**

Voltage

300 V RMS

**Other Electrical Characteristic 1:**

Impedance tested in accordance with ASTM D-4566 paragraph 43.2, option 2 using a 75 Ohm fixed bridge and termination.

**Other Electrical Characteristic 2:**

Return Loss Tested in Accordance With ASTM D-4566 Paragraph 45.3, Using a 75 Ohm Fixed Bridge and Termination.

**Minimum Return Loss:**

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

5	850	23
851	3000	15

**Sweep Test****Sweep Testing:**

Sweep tested 5 MHz to 3 GHz.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1283S5 0001000	1,000 FT	180.000 LB	NONE	C	5C20 RGBSC
1283S5 000500	500 FT	88.000 LB	NONE	C	5C20 RGBSC

**Notes:**

C = CRATE REEL PUT-UP.

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