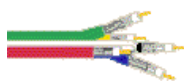


## 1283S5 Coax - Banana Peel® Unjacketed VideoFLEX® Bundles



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

**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.

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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

#### Applicable Patents:

Country	www.belden.com/p
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#### Flame Test

UL Flame Test:	NFPA 262
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#### Suitability

Suitability - Indoor:	Yes
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#### Plenum/Non-Plenum

Plenum (Y/N):	Yes
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### Electrical Characteristics (Overall)

#### Nom. Characteristic Impedance:

Impedance (Ohm)	75
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#### Nom. Inductance:

Inductance (µH/ft)	0.107
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#### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)	16.2
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#### Nominal Velocity of Propagation:

VP (%)	83
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#### Nominal Delay:

Delay (ns/ft)	1.22
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#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)	10.0
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#### Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)	3.8
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#### 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

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720	6.4
750	6.5
1000	7.6
1500	9.4
2500	12.4
3000	13.8

**Max. Operating Voltage - UL:**

<b>Voltage</b>
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	175.000 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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