

1283S3 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), Flamarrrest® jackets in colors, 5 and 6 bundles in all black, 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.)
3	20	Solid	BC - Bare Copper	.032

Total Number of Conductors:

3

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

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:

0.422 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:

93 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

Applicable Patents:

Country
www.belden.com/p

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
Non-Plenum Number:	7794A

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)
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

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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:

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
1283S3 0001000	1,000 FT	102.000 LB	NONE	C	3C20 RGB
1283S3 000250	250 FT	26.250 LB	NONE	C	3C20 RGB
1283S3 000500	500 FT	51.500 LB	NONE	C	3C20 RGB

Notes:
C = CRATE REEL PUT-UP.

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