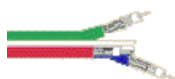


1281S3 Coax - Banana Peel® Unjacketed Bundles Mini Hi-Res Component Video



For more Information
please call

1-800-Belden1

**General Description:**

25 AWG solid .018" tinned copper conductors, foam HDPE insulation, Duobond® foil plus a tinned copper interlocked serve shield (95% coverage), inner PVC jacket.

Usage (Overall)

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:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
3	25	Solid	TC - Tinned Copper	.018

Total Number of Conductors:

3

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FHDPE - Foam High Density Polyethylene	.074

Inner Shield

Inner Shield Material:

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
1	Bonded Duofoil®	Tape	Aluminum Foil-Polyester Tape Lightly bonded to dielectric	100
2		Interlocked Serve	TC - Tinned Copper	95

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	.114

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:

0.246 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:

-40°C To +75°C

UL Temperature Rating:

60°C

Non-UL Temperature Rating:

75°C

Bulk Cable Weight:

25 lbs/1000 ft.

Max. Recommended Pulling Tension:

50 lbs.

Min. Bend Radius (Each Coax):

1.100 in.

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Min. Bend Radius (Overall):	2.500 in.
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Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	No
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	02/24/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

Applicable Patents:**Country**

www.belden.com/p

Flame Test

UL Flame Test:	UL1666 Vertical Shaft
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Suitability**Plenum/Non-Plenum**

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

Electrical Characteristics (Overall)**Nom. Characteristic Impedance:****Impedance (Ohm)**

75

Nom. Inductance:**Inductance (µH/ft)**

.087

Nom. Capacitance Conductor to Shield:**Capacitance (pF/ft)**

17.0

Nominal Velocity of Propagation:**VP (%)**

80

Nominal Delay:**Delay (ns/ft)**

1.24

Nom. Conductor DC Resistance:**DCR @ 20°C (Ohm/1000 ft)**

34

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

5.4

Nom. Attenuation:**Freq. (MHz) Attenuation (dB/100 ft.)**

1	0.52
5	1.17
50	3.7
100	4.9
200	6.7
400	9.5
750	13.4
900	15.0
1000	15.8
3000	31.2

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Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Operating Voltage - Non-UL:

Voltage
300 V RMS

Minimum Return Loss:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
		5	850	20

Sweep Test

Sweep Testing: 5 - 850 MHz

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1281S3 0001000	1,000 FT	27.000 LB	NONE	C	3C25 RGB
1281S3 000500	500 FT	14.500 LB	NONE	C	3C25 RGB

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 4 Revision Date: 02-28-2014

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