ENGLISH MEASUREMENT VERSION



1282S5 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, plenum, foam FEP insulation, Duobond® foil plus a tinned copper interlocked serve shield (100% coverage), inner fluorocopolymer jacket.

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	_	Conductor Material	` '
5	25	Solid	TC - Tinned Copper	.018

Total Number of Conductors:

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FPFA - Foam Perflouoroalkoxy	.075

Inner Shield

Inner Shield Material:

Layer # Inner Shield Trade Name		Inner Shield Trade Name	Туре	Inner Shield Material	Coverage (%)
	1	Duobond®	Tape	Aluminum Foil-Poly Tape-AluminumLightly bonded to dielectric	100
	2		Interlocked Serve	TC - Tinned Copper	95

5

Inner Jacket

Inner Jacket Material:

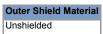
Inner Jacket Material	Nom. Dia. (in.)
Plenum Grade PVC - Polyvinyl Chloride	.114

Inner Jacket Color Code Chart:

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

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material Unjacketed

Overall Cable

Page 1 of 4 02-14-2013





1282S5 Coax - Banana Peel® Unjacketed Bundles Mini Hi-Res Component Video

	Overall Cabling Fillers:	Bonded Spline		
	Overall Nominal Diameter:	0.340 in.		
Med	chanical Characteristics (Overall)			
	Operating Temperature Range:	-20°C To +75°C		
	UL Temperature Rating:	60°C		
	Non-UL Temperature Rating:	75°C		
	Bulk Cable Weight:	55 lbs/1000 ft.		
	Max. Recommended Pulling Tension:	83 lbs.		
	Min. Bend Radius (Each Coax):	1.100 in.		
	Min. Bend Radius (Overall):	3.250 in.		
App	olicable Specifications and Agency Com	pliance (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):	04/01/06		
	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		
Flame Test				
	UL Flame Test:	NFPA 262		

Yes

1281S5, 1279R

Plenum/Non-Plenum

Suitability - Indoor:

Suitability

Plenum (Y/N): Yes

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Non-Plenum Number:

Impedance (Ohm) 75

Nom. Inductance:

Inductance (µH/ft) .087

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft) 16.8

Nominal Velocity of Propagation:

VP (%) 81

Nominal Delay:

Delay (ns/ft)

Page 2 of 4 02-14-2013

ENGLISH MEASUREMENT VERSION



1282S5 Coax - Banana Peel® Unjacketed Bundles Mini Hi-Res Component Video

1.26

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	0.50
5	1.2
50	3.8
100	5.2
200	7.1
400	10.0
750	14.3
1000	16.9
2250	25.5
3000	33.9

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

Notes (Overall)

Notes: For 1282S5 010, all jackets are black and printed "RED/1", "GREEN/2", "BLUE/3", "YELLOW/4", and "BLACK/5"

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1282S5 000X	1,000 FT	60.000 LB	NONE	С	5C25 RGBSC
1282\$5 0001000	1,000 FT	60.000 LB	NONE	С	5C25 RGBSC
1282S5 000250	250 FT	17.250 LB	NONE	С	5C25 RGBSC
1282S5 000500	500 FT	31.000 LB	NONE	С	5C25 RGBSC
1282S5 0101000	1,000 FT	65.000 LB	BLACK	С	5C25 RGBSC
1282\$5 010250	250 FT	17.250 LB	BLACK	С	5C25 RGBSC
1282S5 010500	500 FT	33.500 LB	BLACK	С	5C25 RGBSC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 4 Revision Date: 10-18-2012

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Page 3 of 4 02-14-2013

ENGLISH MEASUREMENT VERSION



1282S5 Coax - Banana Peel® Unjacketed Bundles Mini Hi-Res Component Video

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Page 4 of 4 02-14-2013