# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



# 1282S4 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:

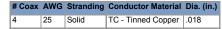
RGB, VGA, SVGA, XGA, SXGA, UXGA, HDTV, LCD, Plasma, Digital Signage, Component Video, Video Mult, Animation, Special effects.Suitable for use in Plenum spaces

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#### **Physical Characteristics (Overall)**

#### Conductor

AWG:



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 Type		Туре	Inner Shield Material	Coverage (%)
1	Bonded Duofoil®	Tape	Aluminum Foil-Poly Tape-AluminumLightly bonded to dielectric	100
2		Inerlocked Serve	TC - Tinned Copper	95

## 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

#### **Outer Shield**

#### Outer Shield Material:



## **Outer Jacket**

# Outer Jacket Material:



Min. Bend Radius (Each Coax):

#### **Overall Cable**

Me

Overall Cabling Fillers:	Bonded Spline	
Overall Nominal Diameter:	0.275 in.	
echanical Characteristics (Overall)		
UI Temperature Rating:	60°C	

# UL Temperature Rating: 60°C Non-UL Temperature Rating: 75°C Bulk Cable Weight: 44 lbs/1000 ft. Max. Recommended Pulling Tension: 66 lbs.

1.100 in

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Min. Bend Radius (Overall): Applicable Specifications and Agency Compliance (Overall) **Applicable Standards & Environmental Programs** NEC/(UL) Specification: 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): 04/01/2006 EU Directive 2002/96/EC (WEEE): EU Directive 2003/11/EC (BFR): Yes CA Prop 65 (CJ for Wire & Cable): Yes MII Order #39 (China RoHS): Yes Applicable Patents: www.belden.com/p Flame Test **UL Flame Test:** NFPA 262 Suitability Suitability - Indoor: Yes Plenum/Non-Plenum Plenum (Y/N): Yes Non-Plenum Number: 1281S4, 1278R **Electrical Characteristics (Overall)** 

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



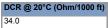
Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:



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

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3000 33.9

Max. Operating Voltage - UL: Voltage

300 V RMS

Max. Operating Voltage - Non-UL:

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
1282S4 0001000	1,000 FT	49.000 LB	NONE	С	4C25 RGBS
1282S4 000500	500 FT	25.500 LB	NONE	С	4C25 RGBS

#### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 6 Revision Date: 07-21-2010

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product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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