# **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

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

#### Conductor

AWG:



Total Number of Conductors:

#### Inculation

#### Insulation Material:

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

#### **Inner Shield**

#### Inner Shield Material:

ı	Layer #	Inner Shield Trade Name	Туре	Inner Shield Material	Coverage (%)
ı	1	Bonded Duofoil®	Таре	Aluminum Foil-Poly Tape-AluminumLightly bonded to dielectric	100
ı	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:



### **Overall Cable**

Me

Overall Cabling Fillers:	Bonded Spline				
Overall Nominal Diameter:	0.275 in.				
echanical Characteristics (Overall)					
UL Temperature Rating:	60°C				
Non-UL Temperature Rating:	75°C				

Bulk Cable Weight:44 lbs/1000 ft.Max. Recommended Pulling Tension:66 lbs.Min. Bend Radius (Each Coax):1.100 in.

Page 1 of 3 01-05-2017

# **Detailed Specifications & Technical Data**





## 1282S4 Coax - Banana Peel® Unjacketed Bundles Mini Hi-Res Component Video

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): 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:



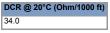
Nominal Velocity of Propagation:



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

Page 2 of 3 01-05-2017

# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



# 1282S4 Coax - Banana Peel® Unjacketed Bundles Mini Hi-Res Component Video

3000 33.9

Voltage 300 V RMS

Max. Operating Voltage - Non-UL:

Max. Operating Voltage - UL:

300 V RMS

Minimum Return Loss:

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

#### **Sweep Test**

5 - 850 MHz Sweep Testing:

#### **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

© 2017 Belden, Inc All Rights Reserved

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

product.

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

Page 3 of 3