

## 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 | Stranding | Conductor Material | Dia. (in.) |
|--------|-----|-----------|--------------------|------------|
| 5      | 25  | Solid     | TC - Tinned Copper | .018       |

**Total Number of Conductors:** 5

**Insulation****Insulation Material:**

| Insulation Material         | Dia. (in.) |
|-----------------------------|------------|
| FPFA - Foam Perfluoroalkoxy | .075       |

**Inner Shield****Inner Shield Material:**

| Layer # | Inner Shield Trade Name | Type              | Inner Shield Material            | Coverage (%) |
|---------|-------------------------|-------------------|----------------------------------|--------------|
| 1       | Duobond®                | Tape              | Aluminum Foil-Poly Tape-Aluminum | 100          |
| 2       |                         | Interlocked 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 |
| 5      | Black  |

**Outer Shield****Outer Shield Material:**

| Outer Shield Material |
|-----------------------|
| Unshielded            |

**Outer Jacket****Outer Jacket Material:**

| Outer Jacket Material |
|-----------------------|
| Unjacketed            |

**Overall Cable**

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|                          |               |
|--------------------------|---------------|
| Overall Cabling Fillers: | Bonded Spline |
|--------------------------|---------------|

|                           |           |
|---------------------------|-----------|
| Overall Nominal Diameter: | 0.340 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: | 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. |
|-----------------------------|-----------|

**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): | 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 |
|----------------|----------|

**Suitability**

|                       |     |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

**Plenum/Non-Plenum**

|               |     |
|---------------|-----|
| Plenum (Y/N): | Yes |
|---------------|-----|

|                    |               |
|--------------------|---------------|
| Non-Plenum Number: | 1281S5, 1279R |
|--------------------|---------------|

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

|                 |
|-----------------|
| 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) |
|---------------|

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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  | C     | 5C25 RGBSC |
| 1282S5 0001000 | 1,000 FT | 60.000 LB   | NONE  | C     | 5C25 RGBSC |
| 1282S5 000250  | 250 FT   | 17.250 LB   | NONE  | C     | 5C25 RGBSC |
| 1282S5 000500  | 500 FT   | 31.000 LB   | NONE  | C     | 5C25 RGBSC |
| 1282S5 0101000 | 1,000 FT | 65.000 LB   | BLACK | C     | 5C25 RGBSC |
| 1282S5 010250  | 250 FT   | 17.250 LB   | BLACK | C     | 5C25 RGBSC |
| 1282S5 010500  | 500 FT   | 33.500 LB   | BLACK | C     | 5C25 RGBSC |

## Notes:

C = CRATE REEL PUT-UP.

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