

Product: [BE46313](#) 



AUDIO ANALOG 8 PAIR, 26AWG, ISTP, PVC, STAGE

Product Description

ANALOG AUDIO 8 PAIR, 26AWG/0.14mm², ISTP, PVC, STAGE

Technical Specifications

Product Overview

|                        |                                                                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable Applications: | The Belden 46-analog-series is a flexible audio snake cable with an overall braid shield; This makes the cable suitable for mobile applications; Jacketed pairs are individually numbered for easy identification |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Physical Characteristics (Overall)

| Conductor              |           |                    |               |                    |
|------------------------|-----------|--------------------|---------------|--------------------|
| AWG                    | Stranding | Material           | Cross Section | Construction n x D |
| 26                     | 18x38     | TC - Tinned Copper | 0.14 mm²      | 18x0.10 mm         |
| Conductor Count:       |           | 16                 |               |                    |
| Total Number of Pairs: |           | 8                  |               |                    |

| Insulation |                   |                  |                        |
|------------|-------------------|------------------|------------------------|
| Type       | Material          | Nominal Diameter | Diameter +/- Tolerance |
| Insulation | PE - Polyethylene | 1.05 mm          | 0.05 mm                |

| Color Chart  |             |
|--------------|-------------|
| Number       | Color       |
| Pair 1 t/m 8 | Red & White |

| Inner Shield          |                    |                   |
|-----------------------|--------------------|-------------------|
| Type                  | Material           | Min. Coverage [%] |
| Tape                  | Polyester          |                   |
| Spiral Serve / Screen | Tinned Copper (TC) | 90%               |

| Inner Jacket             |                      |                         |                        |
|--------------------------|----------------------|-------------------------|------------------------|
| Material                 | Color                | Nominal Diameter        | Diameter +/- Tolerance |
| PVC - Polyvinyl Chloride | Gray (like RAL 7001) | 3.05 mm                 | 0.10 mm                |
| Table Notes:             |                      | Elements numbered 1 - 8 |                        |

| Outer Shield |                    |                   |
|--------------|--------------------|-------------------|
| Type         | Material           | Min. Coverage [%] |
| Braid        | Tinned Copper (TC) | 80%               |

| Outer Jacket             |                  |                              |
|--------------------------|------------------|------------------------------|
| Material                 | Nominal Diameter | Diameter +/- Tolerance       |
| PVC - Polyvinyl Chloride | 15.00 mm         | 0.40 mm                      |
| Table Notes:             |                  | Flexible Matte Finish Sheath |

Construction and Dimensions

Cabling

| Description                                                 | Filler |
|-------------------------------------------------------------|--------|
| 1 filler + 8 pairs covered with a non-woven separating foil | Yarn   |

### Electrical Characteristics

#### Conductor DCR

| Max. Conductor DCR |
|--------------------|
| 260 Ohm/km         |

#### Capacitance

| Nom. Capacitance Conductor to Conductor |
|-----------------------------------------|
| 70 pF/m                                 |

#### Impedance

| Nominal Characteristic Impedance | Nominal Characteristic Tolerance |
|----------------------------------|----------------------------------|
| 90 Ohm                           | +/- 20 Ohm                       |

#### Delay

| Nominal Velocity of Propagation (VP) [%] |
|------------------------------------------|
| 66%                                      |

### Temperature Range

|                                 |                |
|---------------------------------|----------------|
| Installation Temperature Range: | -5°C To +70°C  |
| Storage Temperature Range:      | -30°C To +70°C |
| Other Temp Range:               | -30 to +70 °C  |

### Mechanical Characteristics

|                                       |        |
|---------------------------------------|--------|
| Min. Bend Radius During Installation: | 150 mm |
| Min. Bend Radius During Operation:    | 225 mm |

### Standards

|                |     |
|----------------|-----|
| CPR Euroclass: | Eca |
|----------------|-----|

### Applicable Environmental and Other Programs

|                      |                        |
|----------------------|------------------------|
| Environmental Space: | Indoor - Euroclass Eca |
|----------------------|------------------------|

### Flammability, LS0H, Toxicity Testing

|                   |               |
|-------------------|---------------|
| IEC Flammability: | IEC 60332-1-2 |
|-------------------|---------------|

### Related Part Numbers

#### Variants

| Item #        | Color | Put-Up Type | Length | EAN           |
|---------------|-------|-------------|--------|---------------|
| BE46313.00250 | Black | Reel        | 250 m  | 8719605027238 |
| BE46313.00500 | Black | Reel        | 500 m  | 8719605027245 |

### History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.158 Revision Date: 04-08-2022 |
|----------------------|--------------------------------------------------|

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