

## 1379P Coax - Mini Hi-Res Component Video Cable



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**1-800-BELDEN1**

For more Information  
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**Description:**

25 AWG solid .018" bare copper conductors, FFEP insulation, Belfoil® foil plus a tinned copper serve shield (95% coverage), PVDF inner jackets, PVC jacket.

**Usage (Overall)****Suitable Applications:**

RGB Projectors, LCD Projectors, Video Distribution, Component Video,  
Graphic Displays, Special Effects Editing, Animation, Video Post Production,  
Home Theater, Offices, Boardrooms, Auditoriums, Teleconferencing, Theaters

**Physical Characteristics (Overall)****Conductor****AWG:**

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
5	25	Solid	BC - Bare Copper	0.018

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

Insulation Material	Dia. (in.)
FPFA - Foam PFA	0.074

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

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Poly Tape	100.000
2		Serve	TC - Tinned Copper	95.000

**Inner Jacket****Inner Jacket Material:**

Inner Jacket Material	Nom. Dia. (in.)
PVDF - Fluorocopolymer	0.102

**Inner Jacket Color Code Chart:**

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

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

Outer Jacket Material
PVC - Polyvinyl Chloride

**Overall Cable**

Overall Nominal Diameter: 0.303 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 60°C

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Non-UL Temperature Rating:	75°C
Bulk Cable Weight:	71 lbs/1000 ft.
Max. Recommended Pulling Tension:	130 lbs.
Min. Bend Radius (Each Coax):	1 in.
Min. Bend Radius (Overall):	3 in.

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
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):	04/01/2005
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
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## Suitability

Suitability - Indoor:	Yes
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## Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	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)

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

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## 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:

Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
5.000	1000.000	18.000

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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