# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



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





For more Information please call

1-800-Belden1



# **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®	Таре	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 & 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
Fla	me Test	
	UL Flame Test:	NFPA 262
Sui	tability	
	Suitability - Indoor:	Yes
Ple	num/Non-Plenum	
	Plenum (Y/N):	Yes

1279R

# **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:

Non-Plenum Number:

Impedance	(Ohm)
75	

Nom. Inductance:



Nom. Capacitance Conductor to Shield:



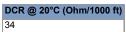
Nominal Velocity of Propagation:



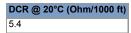
**Nominal Delay:** 



Nom. Conductor DC Resistance:



Nom. Inner Shield DC Resistance:





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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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