# **Detailed Specifications & Technical Data**

# **ENGLISH MEASUREMENT VERSION**



# 1279P Coax - Mini Hi-Res Component Video Cable



For more Information please call

1-800-Belden1



# **General Description:**

25 AWG solid .018" tinned copper conductors, FFEP insulation, Duobond® foil plus a tinned copper interlocked serve shield (95% coverage), PVC 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

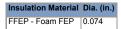
AWG:

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

Total Number of Conductors:

### Insulation

Insulation Material:



### **Inner Shield**

### Inner Shield Material:

Layer #	Inner Shield Trade Name	Туре	Inner Shield Material	Coverage (%)
1	Duobond®	Tape	Aluminum Foil-Poly Tape-AluminumLightly bonded to dielectric	100
2		Interlocked Serve	TC - Tinned Copper	95

5

### Inner Jacket

# Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	0.111

# Inner Jacket Color Code Chart:

Humber	00.0.
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: 0.330 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: 60 lbs/1000 ft. Max. Recommended Pulling Tension: 83 lbs. Min. Bend Radius (Each Coax): 1.100 in. Min. Bend Radius (Overall): 3.250 in.

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# 1279P Coax - Mini Hi-Res Component Video Cable

pplicable Specifications and Agency Compliance (Overall) pplicable Standards & Environmental Programs				
NEC/(UL) Specification:	CMP			
CEC/C(UL) Specification:	CMP			
EU Directive 2011/65/EU (ROHS II):	Yes			
EU CE Mark:	No			
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			
ame Test				
UL Flame Test:	NFPA 262			
CSA Flame Test:	FT6			
itability				
Suitability - Indoor:	Yes			
enum/Non-Plenum				
Plenum (Y/N):	Yes			
Non-Plenum Number:	1279R			

# **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:



Nom. Inductance:

Inductance (µH/ft) .087

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
3000	33.9

Max. Operating Voltage - UL:

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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** 

5 - 850 MHz Sweep Testing:

# **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1279P 0081000	1,000 FT	66.000 LB	GRAY	С	5 #25 FFEP SH FLRST FLRST
1279P 008250	250 FT	18.250 LB	GRAY	С	5 #25 FFEP SH FLRST FLRST
1279P 008500	500 FT	33.500 LB	GRAY	С	5 #25 FFEP SH FLRST FLRST
1279P 0101000	1,000 FT	66.000 LB	BLACK	С	5 #25 FFEP SH FLRST FLRST
1279P 010250	250 FT	18.250 LB	BLACK	С	5 #25 FFEP SH FLRST FLRST
1279P 010500	500 FT	33.500 LB	BLACK	С	5 #25 FFEP SH FLRST FLRST

Notes:

C = CRATE REEL PUT-UP.

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