

#### **ENGLISH MEASUREMENT VERSION**

# 8401 Coax - Microphone and Musical Instrument Cable



For more Information please call

1-800-Belden1

### **Description**

25 AWG straned (7x33) conductors(3 strands tinned copper, 4 strands tinned copper-covered steel), polyethylene insulation, tinned copper braid shield (72% coverage), PVC jacket.

## **Physical Characteristics (Overall):**

#### Conductor:

**AWG** 

# Coax	AWG	Stranding	Conductor Material	Dia. (in. )
1	25	3x33	High Conductivity TC - Tinned Copper	0.021
		4x33	TCCS - Tinned Copper Covered Steel	

**Total Number of Conductors** 

1

### **Inner Jacket:**

Inner Jacket Material

Inner Jacket Material	Nom Wall (in. )	Nom. Dia. (in. )	
PE - Polyethylene	0.043	0.125	

#### Outer Shield:

**Outer Shield Material** 

	Туре	Outer Shield Material	% Coverage (% )	
	Braid	TC - Tinned Copper	74	
Object to Comment of Market State				

Outer Shield Separator Material Rayon Braid

#### **Outer Jacket:**

**Outer Jacket Material** 

Outer Jacket Material	Nom. Wall Thickness (in. )	
PVC - Polyvinyl Chloride	0.025	

# Overall Cabling:

Overall Nominal Diameter:

0.199 in.

## **Mechanical Characteristics (Overall):**

Operating Temperature Range	-20°C To 80°C	
Non-UL Temperature Rating	80°C	
Bulk Cable Weight:	20.500 lbs/1000 ft.	
Max. Recommended Pulling Tension:	42 lbs.	
Min. Bend Radius (Install):	2 in.	

### **Applicable Specifications and Agency Compliance (Overall):**

#### Plenum/Non-Plenum:

Plenum (Y/N) N

### **Electrical Characteristics (Overall):**

Nom. Characteristic Impedance

Impedance (Ohm )
57

Nom. Capacitance Conductor to Shield

Capacitance (pF/ft ) 28.000

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft ) 45.100

Max. Operating Voltage - Non-UL

Voltage

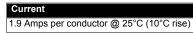


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5000 V DC

Max. Recommended Current



Nominal Outer Shield DC Resistance



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