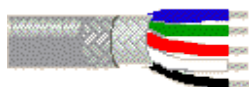


## 8405 Multi-Conductor - Microphone/Musical Instrument Cable



For more Information  
please call

1-800-Belden1



### General Description:

Mic, 20 AWG stranded (19x32) high-conductivity TC conductors, cabled, polyethylene insulation, rayon braid, TC braid shield (85% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (mm)
5	20	19x32	High Conductivity TC - Tinned Copper	0.9398

Total Number of Conductors: 5

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (mm)	Dia. (mm)
PE - Polyethylene	0.4064	1.7526

#### Outer Shield

##### Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	85.000

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.889

### Overall Cable

Overall Cabling Fillers: Jute

#### Overall Cabling Color Code Chart:

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

Overall Cabling Separator Material: Rayon Braid

Overall Cabling Separator Thickness: 0.127 mm

Overall Nominal Diameter: 7.137 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +60°C

UL Temperature Rating: 60°C (UL AWM Style 2094)

Bulk Cable Weight: 87.804 Kg/Km

Max. Recommended Pulling Tension: 618.300 N

Min. Bend Radius/Minor Axis: 71.120 mm

## 8405 Multi-Conductor - Microphone/Musical Instrument Cable

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>AWM Specification:</b>	UL Style 2094 (300 V 60°C)
<b>EU Directive 2011/65/EU (ROHS II):</b>	Yes
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	01/01/2004
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

#### Flame Test

<b>UL Flame Test:</b>	UL1685 UL Loading, VW-1
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#### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	No
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### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

75.463

#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

131.24

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

33.4662

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

11.3851

#### Max. Operating Voltage - UL:

Voltage

300 V RMS (UL AWM Style 2094)

#### Max. Recommended Current:

Current

3.2 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8405 0601000	305 MT	28.576 KG	CHROME	C	5 #20 PE SHLD PVC
8405 060250	76 MT	7.484 KG	CHROME	C	5 #20 PE SHLD PVC
8405 060500	152 MT	14.061 KG	CHROME		5 #20 PE SHLD PVC

#### Notes:

C = CRATE REEL PUT-UP.

## 8405 Multi-Conductor - Microphone/Musical Instrument Cable

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