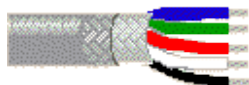


## 8405 Multi-Conductor - Microphone/Musical Instrument Cable



For more Information  
please call

1-800-Belden1

**Description:**

Mic, 20 AWG stranded (19x32) high-conductivity TC conductors, cabled, polyethylene insulation, rayon braid, TC braid shield (84% coverage), PVC jacket.

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

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
5	20	19x32	High Conductivity TC - Tinned Copper	.037

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

Insulation Material	Wall Thickness (in.)	Dia. (in.)
PE - Polyethylene	.016	.069

**Outer Shield****Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	84

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

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.035

**Overall Cable**

Overall Cabling Fillers: Jute

**Overall Cabling Lay Length & Direction:**

Length (in.)	Direction	Twists (ft.)
2.92	Right Hand Lay	4.1

**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: 0.005 in.

Overall Nominal Diameter: 0.281 in.

**Mechanical Characteristics (Overall)**

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

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

Bulk Cable Weight: 59 lbs/1000 ft.

Max. Recommended Pulling Tension: 139 lbs.

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

Min. Bend Radius (Install)/Minor Axis: 2.800 in.

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

AWM Specification: UL Style 2094 (300 V 60°C)

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): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

## Flame Test

UL Flame Test: UL1685 UL Loading, VW-1

## Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

23

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

Capacitance (pF/ft)

40

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10.2

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

3.47

## Max. Operating Voltage - UL:

Voltage

300 V RMS (UL AWM Style 2094)

## Max. Recommended Current:

Current

3.2 Amps per conductor @ 25°C

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8405 0601000	1,000 FT	63.000 LB	CHROME	C	5 #20 PE SHLD PVC
8405 060250	250 FT	14.750 LB	CHROME	C	5 #20 PE SHLD PVC
8405 060500	500 FT	29.500 LB	CHROME		5 #20 PE SHLD PVC

## Notes:

C = CRATE REEL PUT-UP.

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

Revision Number: 1    Revision Date: 05-14-2007

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