BELDEN
SENDING ALL THE RIGHT SIGNALS

Product: 9396

Microphone Cable, 1 Conductor 25 AWG, TC

Product Description

25 AWG stranded (7x33) composite copper conductor, PVC insulation, (3) strands TC, (4) strands TCCS, TC spiral shield (90% coverage), PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
25	3x33	TC - Tinned Copper (High Conductivity)	0.021 in	1

Conductor Count:	1

Insulation

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.058 in

Outer Shield Material

Type	Material	Coverage [%]
Spiral Serve / Screen	Tinned Copper (TC)	90%

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.1 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	Nominal Outer Shield DCR	Outer Conductor DCR
46 Ohm/1000ft	46 Ohm/1000ft	17 Ohm/1000ft	17 Ohm/1000ft

Capacitance

Max. Capacitance Conductor to Shield	Nom. Capacitance Conductor to Shield
75 pF/ft	75 pF/ft

Impedance

Nominal Characteristic Impedance
31 Ohm

Current

Max. Recommended Current [A]
1.9 Amps per Conductor at 25ºC (10°C Temperature Rise)

Voltage

Non-UL Voltage Rating
300 V DC

Temperature Range

Non-UL Temp Rating:	60°C
Operating Temp Range:	-20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	7 lbs/1000ft
Max. Pull Tension:	12 lbs
Min Bend Radius/Minor Axis:	1 in

Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
9396 U90250	Gray, Matte	Reel	250 ft	612825239925

History

Update and Revision:	Revision Number: 0.322 Revision Date: 02-16-2021