

89913

Part Number: 89913



Product Description

10 AWG solid .108" bare copper conductor, plenum, semi-solid FEP insulation, Duobond II ® & #43; tinned copper braid shield (90% coverage), fluorocopolymer jacket.

Product Specifications

Conductor

Total Number of Conductors:

1

Technical Specifications

APAC Standard

MIL Order #39 (China RoHS):

Yes

Bend Radius

Min Bend Radius/Minor Axis:

6 in

CCB-Part Number

Notes:

Recommend use of 7733A for applications above 1 GHz.

CCB-Sub-Part Number

Plenum (Y/N):

Yes

Non-Plenum Number:

9913

Contact Information

PHONE_NUM:

1-800-Belden1

EMEA Standard

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
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Environmental Characteristics

Operating Temp Range:	-20°C To +150°C
Suitability - Indoor:	Yes

EU Directive

EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01

North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CMP
NEC/(UL) Specification:	CMP
RG Type:	8/U

Safety

UL Flammability:	NFPA 262
CSA Flammability:	FT6

Temperature Range

UL Temp Rating:	150°C
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Use

Max Recommended Pulling Tension:	174 lbs
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Impedance:

Nominal Characteristic Impedance
50 Ohm

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
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0.9 Ohm/1000ft	1.8 Ohm/1000ft
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Delay:

Nominal Delay	Nominal Velocity of Propagation (VP)
1.2 ns/ft	83 %

Voltage:

Non-UL Voltage Rating
300V RMS

Capacitance:

Nominal Capacitance Conductor to Shield
25 pF/ft

High Frequency (Nominal/Typical):

Frequency (MHz)	Nom. Insertion Loss
1 MHz	0.1 db/100ft
10 MHz	0.4 db/100ft
50 MHz	1 db/100ft
100 MHz	1.6 db/100ft
200 MHz	2.3 db/100ft
400 MHz	3.4 db/100ft
700 MHz	5 db/100ft
900 MHz	6 db/100ft
1000 MHz	6.9 db/100ft

Insulation:

Material	Nominal Diameter
Semi-Solid FEP - Semi-Solid Fluorinated Ethylene-Propylene	0.292 in

Outerjacket 1:

Material	Nominal Diameter
PVDF - Fluorocopolymer	0.36 in

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Coax
10	Solid	BC - Bare Copper	0.108 in	1

Outershield 1:

Type	Layer	Material	Material Trade Name	Coverage
Tape	1	Bonded Aluminum Foil-Polyester Tape-Aluminum Foil	Bonded Duofoil®	100 %
Braid	2	TC - Tinned Copper		90 %

Product Variants

Part Number	Color	Put-Up Type	Length
89913 0101000	BLACK	Reel	1000 ft
89913 010500	BLACK	Reel	500 ft

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.