

Part Number: 734A1P



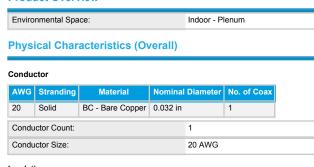


# **Product Description**

DS3 Coax 20 AWG solid bare copper, plenum, foam FEP insulation, Beldfoil® tape, tinned copper braid shield (85% coverage), Plenum, Flamarrest® jacket.

# **Technical Specifications**

### **Product Overview**



### Insulation

Material	Nominal Diameter
FFEP - Foam Fluorinated Ethylene Propylene	0.148 in

# Outer Shield Material

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Aluminum/Polyester	Beldfoil®	100 %
Braid	2	TC - Tinned Copper		85 %

# **Outer Jacket Material**

Material	Material Trade Name	Nominal Diameter
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.213 in

# **Electrical Characteristics**

# Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR	Outer Conductor DCR
10.1 Ohm/1000ft	2.4 Ohm/1000ft	2.4 Ohm/1000ft

# Capacitance



# Inductance

Nominal Inductance
0.095 µH/ft

### Impedance

Nominal Characteristic Impedance 75 Ohm

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.27 ns/ft	80 %

### Voltage

UL Voltage Rating 300 V RMS

#### **Temperature Range**

Operating Temp Range:	0°C To +75°C
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### **Mechanical Characteristics**

Bulk Cable Weight:	33 lbs/1000ft
Max Recommended Pulling Tension:	52 lbs
Min Bend Radius/Minor Axis:	2.25 in

#### **Standards**

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
RG Type:	59/U Type

### **Applicable Environmental and Other Programs**

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

# Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
CSA Flammability:	FT6
UL voltage rating:	300 V RMS

# Plenum/Non-Plenum

Plenum (Y/N):	Yes
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### **Part Number**

Non-Fieldin Number.	Non-Plenum Number:	734A1
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### Variants

	Item #	Color	Footnote		
73	34A1P 0081000	Gray	С		
73	34A1P 008500	Gray	С		
Fo	Footnote:				

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