

735AS3P Coax - Bundled 735 Plenum Telecommunication Coax



For more Information
please call

1-800-Belden1

**Description:**

3-26 AWG solid silver plated copper conductors, foam FEP insulation, Beldfoil® shield (100% coverage) plus a tinned copper braid shield (95% coverage), Flamarrest® jacket. Banana Peel®.

Physical Characteristics (Overall)**Conductor**

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
3	26	Solid	SPC - Silver Plated Copper	0.016

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Dia. (in.)
Teflon	FFEP - Foam Fluorinated Ethylene Propylene	0.077

Fillers

Fillers: Extruded PVC Spline

Inner Shield

Inner Shield Material:

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100.000
2		Braid	TC - Tinned Copper	93.000

Inner Jacket

Inner Jacket Material:

Inner Jacket Trade Name	Inner Jacket Material	Nom. Dia. (in.)
Flamarrest(R)	LS PVC - Low Smoke Polyvinyl Chloride	0.129

Overall Cable

Overall Nominal Diameter: 0.393 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 60°C

Non-UL Temperature Rating: 75°C

Bulk Cable Weight: 43 lbs/1000 ft.

Min. Bend Radius (Overall): 2.800 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CMP

CEC/C(UL) Specification: CMP

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

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EU RoHS Compliance Date (mm/dd/yyyy): 11/06/2008

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

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

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

MII Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: NFPA 262 Plenum Flame Test (UL910)(FT6)

C(UL) Flame Test: FT6

Suitability

Suitability - Indoor: Yes

Plenum/Non-Plenum

Plenum (Y/N): Yes

Non-Plenum Number: 735A3

Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Impedance (Ohm)

75.000

Nom. Inductance:

Inductance (μH/ft)

0.970

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

17.500

Nominal Velocity of Propagation:

VP (%)

76.000

Nominal Delay:

Delay (ns/ft)

1.340

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

41.000

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.300

Max. Attenuation:

Freq. (MHz) Attenuation (dB/100 ft.)

1.000 0.600

1.024 0.610

4.224 1.100

5.000 1.200

10.000 1.700

17.184 2.200

22.368 2.500

25.920 2.700

44.736 3.600

50.000 3.800

69.632 4.500

77.760 4.800

100.000 5.500

137.088 6.400

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200.000	7.800
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Max. Operating Voltage - UL:

Voltage
300 V RMS

Minimum Return Loss:

Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
15.000	95.000	30.000

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
735AS3P 0081000	1,000 FT	47.000 LB	GRAY		BONDED FILLER COMPOSITE
735AS3P 008500	500 FT	25.500 LB	GRAY		BONDED FILLER COMPOSITE

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