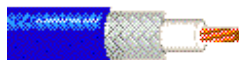


7503A Coax - 75 Ohm Flex Vision Coax Cable



For more Information
please call

1-800-Belden1



Description:

20 AWG stranded (7x15x40) bare copper conductor, foam polyethylene insulation, tinned copper “French Braid” shield (95% coverage), Belflex jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	20	7x15x40	BC - Bare Copper	.040

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	.185

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
French Braid	TC - Tinned Copper	95

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material
Belflex®	PVC Blend - Polyvinyl Chloride Blend

Overall Cable

Overall Nominal Diameter: 0.275 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +80°C

Bulk Cable Weight: 34 lbs/1000 ft.

Max. Recommended Pulling Tension: 35 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.750 in.

Min. Bend Radius (Continuous Flexing): 5.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

AWM Specification: UL Style 1354

CSA Specification: AWM I/II A/B

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 & Cable): Yes

MII Order #39 (China RoHS): Yes

RG Type: 6/U

Flame Test

C(UL) Flame Test: FT1

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

75

Nom. Inductance:

Inductance (µH/ft)

.097

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

17.3

Nominal Velocity of Propagation:

VP (%)

80

Nominal Delay:

Delay (ns/ft)

1.30

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

8.1

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

11

Nom. Attenuation:

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

2.2	.3
5	.4
10	.6
30	1.1
50	1.5
100	2.2

Max. Operating Voltage - UL:

Voltage

30 V RMS (UL AWM Style 1354)

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7503A G7X1000	1,000 FT	40.000 LB	BLUE, MATTE	C Z	#20 FMDPE BRD PVC
7503A G7X250	250 FT	12.000 LB	BLUE, MATTE	C Z	#20 FMDPE BRD PVC
7503A G7X500	500 FT	18.000 LB	BLUE, MATTE	C Z	#20 FMDPE BRD PVC

Notes:

7503A Coax - 75 Ohm Flex Vision Coax Cable

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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