

7502A Coax - 75 Ohm Fex Vision Coax Cable



For more Information
please call

1-800-Belden1

**Description:**

22 AWG stranded (19x34) 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	22	19x34	BC - Bare Copper	.031

Total Number of Conductors: 1

Insulation**Insulation Material:**

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	.146

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: 0.242 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
Bulk Cable Weight:	30 lbs/1000 ft.
Max. Recommended Pulling Tension:	38 lbs.
Min. Bend Radius/Minor Axis:	2.500 in.
Min. Bend Radius (Continuous Flexing):	5 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 Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes

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CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
RG Type:	59/U

Flame Test

C(UL) Flame Test:	FT1
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Impedance (Ohm)
75

Nom. Inductance:

Inductance (µH/ft)
.097

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
18.0

Nominal Velocity of Propagation:

VP (%)
79

Nominal Delay:

Delay (ns/ft)
1.3

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
13.4

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.4

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
2.2	.4
5	.5
10	.8
30	1.4
50	1.8
100	2.7

Max. Operating Voltage - UL:

Voltage
30 V RMS (UL AWM Style 1354)

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7502A G7X1000	1,000 FT	34.000 LB	BLUE, MATTE	C Z	#22 LDHDFPE BRD PVC
7502A G7X250	250 FT	10.500 LB	BLUE, MATTE	C Z	#22 LDHDFPE BRD PVC
7502A G7X500	500 FT	17.000 LB	BLUE, MATTE	C Z	#22 LDHDFPE BRD PVC

Notes:

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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Mouser Electronics

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