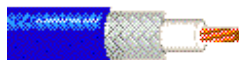


7502A Coax - 75 Ohm Fex Vision Coax Cable



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 |

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 (Install)/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

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 |
|-------------------|-----|

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) |
| 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) |

Related Documents:

No related documents are available for this product

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 | 15.000 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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Revision Number: 1 Revision Date: 05-14-2007

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