

7700A Coax - High-Flex S-Video Cable



For more Information
please call

1-800-Belden1



Description:

30 AWG stranded (7x38) .012" tinned copper conductors, plenum, foam FEP insulation, tinned copper "French braid" shield (98% coverage), Flamarrrest® jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Coax | AWG | Stranding | Conductor Material | Dia. (in.) |
|--------|-----|-----------|--------------------|------------|
| 2 | 30 | 7x38 | TC - Tinned Copper | .012 |

Insulation

Insulation Material:

| Insulation Trade Name | Insulation Material | Dia. (in.) |
|-----------------------|--|------------|
| Teflon® | FFEP - Foam Fluorinated Ethylene Propylene | .053 |

Inner Shield

Inner Shield Material:

| Type | Inner Shield Material | Coverage (%) |
|--------------|-----------------------|--------------|
| French Braid | TC - Tinned Copper | 98 |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Trade Name | Outer Jacket Material |
|-------------------------|---------------------------------------|
| Flamarrrest® | LS PVC - Low Smoke Polyvinyl Chloride |

Overall Cable

Overall Nominal Diameter: 0.107 x 0.214 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +60°C

UL Temperature Rating: 60°C

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 20 lbs/1000 ft.

Max. Recommended Pulling Tension: 12 lbs.

Min. Bend Radius (Install)/Minor Axis: 1 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

EU RoHS Compliance Date (mm/dd/yyyy): 12/01/2005

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

| | |
|-----------------|-----|
| CSA Flame Test: | FT6 |
|-----------------|-----|

Suitability

| | |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

| | |
|------------------------|-----|
| Suitability - Outdoor: | Yes |
|------------------------|-----|

Plenum/Non-Plenum

| | |
|---------------|-----|
| Plenum (Y/N): | Yes |
|---------------|-----|

| | |
|--------------------|-------|
| Non-Plenum Number: | 1807A |
|--------------------|-------|

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

| Impedance (Ohm) | Tolerance (Ohms) |
|-----------------|------------------|
| 75 | +/- 5 |

Nom. Inductance:

| Inductance (µH/ft) |
|--------------------|
| 0.097 |

Nom. Capacitance Conductor to Shield:

| Capacitance (pF/ft) |
|---------------------|
| 17.3 |

Nominal Velocity of Propagation:

| VP (%) |
|--------|
| 78 |

Nom. Conductor DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 100.0 |

Nom. Inner Shield DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 7.5 |

Nom. Attenuation:

| Freq. (MHz) | Attenuation (dB/100 ft.) |
|-------------|--------------------------|
| 1 | .7 |
| 5 | 1.7 |
| 10 | 2.3 |
| 30 | 4.1 |
| 50 | 5.3 |
| 100 | 7.6 |
| 200 | 11.8 |
| 400 | 17.6 |
| 700 | 24.2 |
| 900 | 28.0 |
| 1000 | 29.8 |

Max. Operating Voltage - UL:

| Voltage |
|-----------|
| 300 V RMS |

Max. Operating Voltage - Non-UL:

| Voltage |
|-----------|
| 300 V RMS |

Notes (Overall)

Notes: Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|--------------|-------|--------------------------|
| 7700A B591000 | 1,000 FT | 21.000 LB | BLACK, MATTE | C | 2#30 FPFASRVFLRSTPARA |
| 7700A B59500 | 500 FT | 10.000 LB | BLACK, MATTE | | 2#30 FPFA SRV FLRST PARA |

Notes:

C = CRATE REEL PUT-UP.

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