Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

1808A Coax - High-Flex S-Video Cable

For more Information please call

1-800-Belden1



Description:

30 AWG stranded (7x38) .012" tinned copper conductors, foam HDPE insulation, tinned copper serve shield (90% coverage), PVC jacket.

| Conductor AVG: # Coax AWG Stranding Conductor Material Dia. (in.) 2 30 7x38 TC - Tinned Copper _013 Total Number of Conductors: 2 Insulation Material: Insulation Material: Insulation Material: Insulation Material: Insulation Material: Insulation Material: Insure Shield Inner Shield Material: Inner Jacket Material: Outer Jacket | Physical Characteristics (Overall) | |
|--|---|-----------------|
| # Coax AWG Stranding Conductor Material Dia. (in.) 2 Total Number of Conductors: 2 Insulation Material: Insulation Material Dia. (in.) FHDPE - Foam High Density Polyethylene .058 Dia. (in.) Inner Shield Material: Dia. (in.) Spiral Seve To: - Tinned Cooper .00 Spiral Seve To: - Tomed Cooper .00 Inner Jacket Material Nom. Dia. (in.) PVC - Polyvinyl Chorde .100 Dia. Inner Jacket Material: Douter Jacket Material: Outer Jacket Material: Douter Jacket Material: Overall Nominal Diameter: 0.255 in. Mexchalar Conscreteristics (Overall) Mon-OL Temperature Rating: | Conductor | |
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| Max. Recommended Pulling Tension: 11.700 lbs. | Non-UL Temperature Rating: | 75°C |
| | Bulk Cable Weight: | 29 lbs/1000 ft. |
| Min. Bend Radius/Minor Axis: 1 in. | Max. Recommended Pulling Tension: | 11.700 lbs. |
| | Min. Bend Radius/Minor Axis: | 1 in. |

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1808A Coax - High-Flex S-Video Cable

| AWM Specification: | UL Style 1354 |
|---------------------------------------|---------------|
| Aww Specification. | |
| EU CE Mark: | No |
| 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 |
| litability | |
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | Yes |
| enum/Non-Plenum | |
| Plenum (Y/N): | No |

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm) 75

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:

| Frog | (MH7) | Attenuation | (dB/100 ft) |
|-------|----------|-------------|-------------|
| TIEq. | (111112) | Allenuation | (ub/10010) |

| rreq. (IMHZ) | Attenuation (db/100 ft.) |
|--------------|--------------------------|
| 1 | .6 |
| 5 | 1.4 |
| 10 | 2.1 |
| 30 | 3.8 |
| 50 | 5.1 |
| 100 | 7.6 |
| 200 | 11.3 |
| 400 | 16.9 |
| 700 | 23.3 |
| 900 | 26.9 |
| 1000 | 28.6 |

Max. Operating Voltage - UL:

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION



Max. Operating Voltage - Non-UL:

Voltage

300 V RMS

Notes (Overall)

Notes: Inner Jacket Separator Material: Paper Tape.

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|----------------|----------|-------------|--------------|-------|-------------------------|
| 1808A B59U1000 | 1,000 FT | 31.000 LB | BLACK, MATTE | | 2 #30 FHDPE SRV PVC PVC |
| 1808A B59U500 | 500 FT | 16.500 LB | BLACK, MATTE | | 2 #30 FHDPE SRV PVC PVC |
| 1808A B591000 | 1,000 FT | 33.000 LB | BLACK, MATTE | С | 2 #30 FHDPE SRV PVC PVC |
| 1808A B59500 | 500 FT | 14.500 LB | BLACK, MATTE | С | 2 #30 FHDPE SRV PVC PVC |

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 04-11-2008

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