

7111AS Multi-Conductor - 600V C-TC+ Control Cable for Extreme Flexing

For more Information
please call

1-800-Belden1

**Description:**

18 AWG stranded (114x38) bare copper conductors, PVC Insulation, tinned copper braid shield (85% coverage), PVC inner jacket, oil- and abrasion-resistant PVC outer jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
4	18	114x38	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.020

Insulation Resistance:

6.1 Megaohms/1000 ft. minimum

Inner Jacket**Inner Jacket Material:**

Inner Jacket Material	Nom Wall (in.)
PVC - Polyvinyl Chloride	.025

Outer Shield**Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	85

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.050

Overall Cable**Overall Nominal Diameter:**

0.405 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +90°C
Other Temperature Range:	Flexing: -5°C To +90°C
UL Temperature Rating:	90°C (UL AWM Style 2587)
Bulk Cable Weight:	112 lbs/1000 ft.
Max. Recommended Pulling Tension:	84 lbs.
Min. Bend Radius (Install)/Minor Axis:	4.100 in.
Min. Bend Radius (Continuous Flexing):	6.200 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

AWM Specification: UL Style 2587 (600 V 90°C)

CSA Specification: AWM I A/B II A/B

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EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
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:	UL1685 UL Loading, VW-1
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Suitability

Oil Resistance:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

5.7

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.6

Max. Operating Voltage - UL:

Voltage

600 V RMS (UL AWM Style 2587)

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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