

## 7400A Multi-Conductor - 600V FCC Control Cables for Moderate Flexing



For more Information  
please call

1-800-Belden1

**Description:**

20 AWG stranded (10x30) bare copper conductors, PVC insulation, unshielded, oil- and abrasion-resistant PVC jacket.

**Physical Characteristics (Overall)****Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	20	10x30	BC - Bare Copper

**Insulation**

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.022

Insulation Resistance:

6.1 Megaohms/1000 ft. minimum

**Outer Shield**

Outer Shield Material:

Outer Shield Material
Unshielded

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.040

**Overall Cabling**

Overall Nominal Diameter:

0.240 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:	24 lbs/1000 ft.
Max. Recommended Pulling Tension:	26 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.400 in.
Min. Bend Radius (Continuous Flexing):	3.600 in.
Flex Cycle Rating:	1 Million Flexes

**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
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes

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<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	10/01/2005
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<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
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<b>EU Directive 2003/11/EC (BFR):</b>	Yes
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<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
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<b>MII Order #39 (China RoHS):</b>	Yes
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**Flame Test**

<b>UL Flame Test:</b>	UL1685 UL Loading, VW-1
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<b>CSA Flame Test:</b>	FT1
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**Suitability**

<b>Oil Resistance:</b>	Yes
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**Plenum/Non-Plenum**

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

<b>DCR @ 20°C (Ohm/1000 ft)</b>
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10.5
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**Max. Operating Voltage - UL:**

<b>Voltage</b>
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600 V RMS (UL AWM Style 2587)
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**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7400A 0081000	1,000 FT	36.000 LB	GRAY	C Z	2C 20 10/30 BC PVC,PVC
7400A 008250	250 FT	10.000 LB	GRAY	C Z	2C 20 10/30 BC PVC, PVC
7400A 008500	500 FT	20.000 LB	GRAY	C Z	2C 20 10/30 BC PVC,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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