# **Detailed Specifications & Technical Data**

**ENGLISH MEASUREMENT VERSION** 



## 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

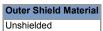
### **Insulation Material:**

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

**Insulation Resistance:** 6.1 Megaohms/1000 ft. minimum

#### **Outer Shield**

**Outer Shield Material:** 



### **Outer 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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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
CSA Flame Test:	FT1
Suitability	
Oil Resistance:	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No

### **Electrical Characteristics (Overall)**

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

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
7400A 0081000	1,000 FT	36.000 LB	GRAY	CZ	2C 20 10/30 BC PVC,PVC
7400A 008250	250 FT	10.000 LB	GRAY	CZ	2C 20 10/30 BC PVC, PVC
7400A 008500	500 FT	20.000 LB	GRAY	CZ	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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