

## 7403W Multi-Conductor - 300V 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
4	20	10x30	BC - Bare Copper

Total Number of Conductors: 5

#### Ground Wire

Ground Wire (Y/N): Y

Ground Wire AWG: 20

Ground Wire Stranding: 10x30

Ground Wire Conductor Material: BC - Bare Copper

Ground Wire Insulation Material: PVC - Polyvinyl Chloride

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.015

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.037

#### Overall Cable

Overall Nominal Diameter: 0.257 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +90°C

Other Temperature Range: Flexing: -5°C To +90°C

Bulk Cable Weight: 45 lbs/1000 ft.

Max. Recommended Pulling Tension: 65 lbs.

Min. Bend Radius (Continuous Flexing): 2.600 in.

Flex Cycle Rating: 1 Million Flexes

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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<b>NEC/(UL) Specification:</b>	PLTC
<b>CSA Specification:</b>	AWM I/II A/B
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	10/01/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

### Flame Test

<b>UL Flame Test:</b>	UL1685 FT4/IEEE 1202 Vertical Tray Flame Test
<b>CSA Flame Test:</b>	FT4
<b>IEEE Flame Test:</b>	1202

### Suitability

<b>Suitability - Burial:</b>	Yes
<b>Sunlight Resistance:</b>	Yes
<b>Oil Resistance:</b>	Yes - Oil Res II
<b>Non-halogenated:</b>	No

### 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>
8.8

### Reference (Overall)

<b>Previous Part Number:</b>	7403A
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### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7403W 0601000	1,000 FT	47.000 LB	CHROME	C	4 #20 + GRD PVC TPE
7403W 060250	250 FT	12.500 LB	CHROME	C	4 #20 + GRD PVC TPE

#### Notes:

C = CRATE REEL PUT-UP.

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determining the applicability of legislation and regulations based on their individual usage of the product.