

## 7440A Multi-Conductor - 600V FCC Control Cables for Moderate Flexing



For more Information  
please call

1-800-Belden1



### Description:

14 AWG stranded (41x30) bare copper conductors, unshielded, PVC insulation, oil- and abrasion-resistant PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
12	14	41x30	BC - Bare Copper

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.023

##### Insulation Resistance:

6.1 Megohms/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	.075

#### Overall Cable

##### Overall Cabling Color Code Chart:

Number	Color
1	Black printed #1
2	Black printed #2
3	Black printed #3
4	Black printed #4
5	Black printed #5
6	Black printed #6
7	Black printed #7
8	Black printed #8
9	Black printed #9
10	Black printed #10
11	Black printed #11
12	Green/Yellow

##### Overall Nominal Diameter:

0.660 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:

402 lbs/1000 ft.

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Max. Recommended Pulling Tension:	640 lbs.
Min. Bend Radius (Install)/Minor Axis:	6.600 in.
Min. Bend Radius (Continuous Flexing):	9.900 in.
Flex Cycle Rating:	1 Million

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

AWM Specification:	UL Style 2587 (600 V 90°C)
CSA Specification:	AWM I/II A/B
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:	VW-1
C(UL) Flame Test:	FT1

## 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)

2.5

## 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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