

## 7428A Multi-Conductor - 600V FCC Control Cables for Moderate Flexing



For more Information  
please call

1-800-Belden1



### Description:

16 AWG stranded (26x30) bare copper conductors, PVC insulation, unshielded, oil- and abrasion-resistant PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
18	16	26x30	BC - Bare Copper

#### Insulation

##### Insulation Material:

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

##### Insulation Resistance:

6.1 Megaohms minimum @ 1000 ft.

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.065

#### 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	Black printed #12
13	Black printed #13
14	Black printed #14
15	Black printed #15
16	Black printed #16
17	Black printed #17
18	Green/Yellow

##### Overall Nominal Diameter:

0.650 in.

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### 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:	290 lbs/1000 ft.
Max. Recommended Pulling Tension:	608 lbs.
Min. Bend Radius (Install)/Minor Axis:	6.500 in.
Min. Bend Radius (Continuous Flexing):	9.700 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & 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
CSA 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)
4.0

#### 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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