

## 7444A Multi-Conductor - 600V FCC Control Cables for Moderate Flexing



For more Information  
please call

1-800-Belden1



### Description:

12 AWG stranded (65x30) bare copper conductors, PVC insulation, unshielded, oil- and abrasion-resistant PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
3	12	65x30	BC - Bare Copper

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.028

##### 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	.060

#### Overall Cable

##### Overall Cabling Color Code Chart:

Number	Color
1	Black printed #1
2	Black printed #2
3	Green/Yellow

##### Overall Nominal Diameter:

0.450 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:	198 lbs/1000 ft.
Max. Recommended Pulling Tension:	253 lbs.
Min. Bend Radius (Install)/Minor Axis:	4.500 in.
Min. Bend Radius (Continuous Flexing):	6.700 in.
Flex Cycle Rating:	1 Million

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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**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

### Plenum/Non-Plenum

**Plenum (Y/N):** No

## Electrical Characteristics (Overall)

### Nom. Conductor DC Resistance:

**DCR @ 20°C (Ohm/1000 ft)**

1.6

### 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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