

7434A 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
2	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	.045

Overall Cable**Overall Cabling Color Code Chart:**

Number	Color
1	Black printed #1
2	Black printed #2

Overall Nominal Diameter:

0.335 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:	87 lbs/1000 ft.
Max. Recommended Pulling Tension:	201 lbs.
Min. Bend Radius (Install)/Minor Axis:	3.400 in.
Min. Bend Radius (Continuous Flexing):	5 in.
Flex Cycle Rating:	1 Million

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs****AWM Specification:**

UL Style 2587 (600 V 90°C)

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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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