

7421A Non-Paired - 600V FCC Control Cables for Moderate Flexing

		<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

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

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	2
Total Number of Conductors	2
AWG	16
Stranding	26x30
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.022 in.
Insulation Resistance	6.1 Megaohms minimum @ 1000 ft.

OVERALL CABLING:

Overall Cabling Color Code Chart :

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

OUTER SHIELD:

Outer Shield Material	Unshielded
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OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.040 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.290 in.
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MECHANICAL CHARACTERISTICS:

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	40 lbs/1000 ft.

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Max. Recommended Pulling Tension	70 lbs.
Min. Bend Radius (Install)	2.9 in.
Min. Bend Radius (Continuous Flexing)	4.4 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

AWM Specification	UL Style 2587 (600 V 90°C)
CSA Specification	AWM I/II A/B
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005

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)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Conductor DC Resistance @ 20 Deg. C	4.0 Ohms/1000 ft
Max. Operating Voltage - UL	600 V RMS (UL AWM Style 2587)

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
7421A 0081000	2C 16 26/30 BC PVC,PVC	1000	68	GRAY	C Z
7421A 008250	2C 16 26/30 BC PVC, PVC	250	15	GRAY	C Z
7421A 008500	2C 16 26/30 BC PVC,PVC	500	35	GRAY	C Z

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 1 Revision Date: 10-11-2005

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