

7428A 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	18
Total Number of Conductors	18
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	10	Black printed #10
2	Black printed #2	11	Black printed #11
3	Black printed #3	12	Black printed #12
4	Black printed #4	13	Black printed #13
5	Black printed #5	14	Black printed #14
6	Black printed #6	15	Black printed #15
7	Black printed #7	16	Black printed #16
8	Black printed #8	17	Black printed #17
9	Black printed #9	18	Green/Yellow

OUTER SHIELD:

Outer Shield Material	Unshielded
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OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.065 in.

OVERALL NOMINAL DIAMETER:

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Overall Nominal Diameter	.650 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	290 lbs/1000 ft.
Max. Recommended Pulling Tension	608 lbs.
Min. Bend Radius (Install)	6.5 in.
Min. Bend Radius (Continuous Flexing)	9.7 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
7428A 008250	18C 16 26/30 BC PVC PVC	250	79	GRAY	C Z
7428A 008500	18C 16 26/30 BC PVC PVC	500	158	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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