

7129A Non-Paired - 600V C-TC+ Control Cables for Extreme 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 (190x38) bare copper conductors, PVC insulation, unshielded, oil- and abrasion-resistant PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	25
Total Number of Conductors	25
AWG	16
Stranding	190x38
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.020 in.
Insulation Resistance	6.1 Megaohms/1000 ft. minimum.

Insulation Color Code Chart :

Number	Color	Number	Color
1	Red #1	14	Red #14
2	Red #2	15	Red #15
3	Red #3	16	Red #16
4	Red #4	17	Red #17
5	Red #5	18	Red #18
6	Red #6	19	Red #19
7	Red #7	20	Red #20
8	Red #8	21	Red #21
9	Red #9	22	Red #22
10	Red #10	23	Red #23
11	Red #11	24	Red #24
12	Red #12	25	Green/Yellow
13	Red #13		

OUTER SHIELD:

Outer Shield Material	Unshielded
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OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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Outer Jacket Nominal Wall Thickness	.080 in.
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.820 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	463 lbs/1000 ft.
Max. Recommended Pulling Tension	950 lbs.
Min. Bend Radius (Install)	8.2 in.
Min. Bend Radius (Continuous Flexing)	12.3 in.
Flex Cycle Rating	9 Million Flexes

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

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

FLAME TEST:

UL Flame Test	UL1685 UL Loading, VW-1
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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	3.4 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
7129A 003250	25C 16 190/38 BC PVC,PVC	250	124.5	ORANGE	C Z
7129A 003500	25C 16 190/38 BC PVC,PVC	500	247.5	ORANGE	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.

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