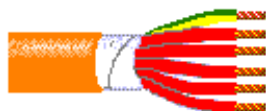


7116A Non-Paired - 600V C-TC+ Control Cables for Extreme Flexing



For more information please call

1-800-Belden1

See Put-ups and Colors

Description:

18 AWG stranded (114x38) 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	18
Stranding	114x38
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	10	Red #10
2	Red #2	11	Red #11
3	Red #3	12	Red #12
4	Red #4	13	Red #13
5	Red #5	14	Red #14
6	Red #6	15	Red #15
7	Red #7	16	Red #16
8	Red #8	17	Red #17
9	Red #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	.060 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.598 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	234 lbs/1000 ft.
Max. Recommended Pulling Tension	400 lbs.
Min. Bend Radius (Continuous Flexing)	6 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	5.7 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
7116A 003250	18C 18 114/38 BC PVC,PVC	250	63	ORANGE	C Z
7116A 003500	18C 18 114/38 BC PVC,PVC	500	126	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.

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

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