

7101W Multi-Conductor - 300V C-TC+ Control Cables for Extreme Flexing

For more Information
please call

1-800-Belden1



Description:

20 AWG stranded (74x38) bare copper conductors, PVC insulation, Unshielded, Oil- and Abrasion-resistant PVC Jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	20	74x38	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.015

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.037

Overall Cabling

Overall Nominal Diameter: 0.237 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -50°C To +90°C

Bulk Cable Weight: 34 lbs/1000 ft.

Max. Recommended Pulling Tension: 45 lbs.

Min. Bend Radius (Continuous Flexing): 2.300 in.

Flex Cycle Rating: 9 Million Flexes

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: PLTC

AWM Specification: UL Style 2587 (600 V 90°C)

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

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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Flame Test

UL Flame Test:	UL1685 FT4/IEEE 1202 Vertical Tray Flame Test
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CSA Flame Test:	FT4
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IEEE Flame Test:	1202
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Suitability

Suitability - Burial:	Yes
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Sunlight Resistance:	Yes
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Oil Resistance:	Yes - Oil Res II
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Non-halogenated:	No
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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)

8.8

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7101W 0031000	1,000 FT	35.000 LB	ORANGE		2 #20 + GRD PVC TPE
7101W 003250	250 FT	9.750 LB	ORANGE	C	2 #20 + GRD PVC TPE

Notes:

C = CRATE REEL PUT-UP.

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