

7141AS Multi-Conductor - Belden Infinity® CTC+ - 9 million flex cycles



Obsolete
Call
1-800-BELDEN1

For more Information
 please call

1-800-Belden1

Description:

Infinity C-Track Cable Plus, 18 conductor, 14 AWG stranded (266x38) bare copper, PVC insulation, PVC inner jacket, 85% tinned copper braid, PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
18	14	266x38	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.025

Insulation Resistance:

6.1 Megaohms/1000 ft. minimum

Inner Jacket**Inner Jacket Material:**

Inner Jacket Material	Nom Wall (in.)
PVC - Polyvinyl Chloride	.025

Outer Shield**Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	85

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.070

Overall Cabling**Overall Nominal Diameter:**

0.890 in.

Mechanical Characteristics (Overall)

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:	774 lbs/1000 ft.
Max. Recommended Pulling Tension:	958 lbs.
Min. Bend Radius (Install)/Minor Axis:	8.900 in.
Min. Bend Radius (Continuous Flexing):	13.400 in.
Flex Cycle Rating:	9 Million Flexes

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

AWM Specification:	UL Style 2587 (600 V 90°C)
CSA Specification:	AWM I A/B II A/B

Flame Test

UL Flame Test:	UL1685 UL Loading, VW-1
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CSA Flame Test: FT1

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

24

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

1.2

Max. Operating Voltage - UL:

Voltage

600 V RMS (UL AWM Style 2587)

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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