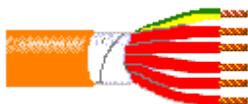


7142A Multi-Conductor - Belden Infinity® CTC+ - 9 million flex cycles



Obsolete
Call
1-800-BELDEN1

For more Information
 please call

1-800-Belden1

Description:

Infinity C-Track Cable Plus, 25 conductor, 14 AWG stranded (266x38) bare copper, PVC insulation, PVC jacket.

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

# Conductors	AWG	Stranding	Conductor Material
25	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.

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.090

Overall Cabling

Overall Nominal Diameter: 1.000 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:	945 lbs/1000 ft.
Max. Recommended Pulling Tension:	1330 lbs.
Min. Bend Radius (Install)/Minor Axis:	10 in.
Min. Bend Radius (Continuous Flexing):	15 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
C(UL) Flame Test:	FT1

Plenum/Non-Plenum

Plenum (Y/N): No

7142A Multi-Conductor - Belden Infinity® CTC+ - 9 million flex cycles

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.4

Max. Operating Voltage - UL:

Voltage

600 V RMS (UL AWM Style 2587)

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
--------	-------	-------------	-------	-------	-----------

Revision Number: 1 Revision Date: 05-14-2007

© 2008 Belden, Inc.
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.