

## 7158A Multi-Conductor - Belden Infinity® C-TC+ - 9 million flex cycles



**Obsolete**  
**Call**  
**1-800-BELDEN1**

For more Information  
 please call

1-800-Belden1

**Description:**

Infinity C-Track Cable Plus, 3 conductor, 2 AWG stranded (1666x34) bare copper conductors, PVC insulation, PVC jacket.

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

# Conductors	AWG	Stranding	Conductor Material
3	2	1666x34	BC - Bare Copper

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.070

**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	.100

**Overall Cabling****Overall Nominal Diameter:**

1.160 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:** 1275 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 2499 lbs.

**Min. Bend Radius (Install)/Minor Axis:** 11.600 in.

**Min. Bend Radius (Continuous Flexing):** 17.400 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

**CSA Flame Test:** FT1

**Suitability**

**Oil Resistance:** Yes

**Plenum/Non-Plenum**

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Plenum (Y/N):

No

**Electrical Characteristics (Overall)****Nom. Conductor DC Resistance:****DCR @ 20°C (Ohm/1000 ft)**

0.16

**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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