

Product: 21506 ☑



TC-CIC 600V, 8+G C #14 Str BC, XLPE Ins, Blk PVC Jkt, 90C Dry/Wet CSA HL SUN RES DIR BUR

Product Description

CSA Tray TC-CIC 600V, 8+G Conductor 14AWG (7x22) Bare Copper, XLPE Insulation, Black PVC Outer Jacket, 90C Dry/Wet CSA HL SUN RES DIR BUR

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No.	of Conductors
14	7x22	BC - Bare Copper	8	
14		BC - Bare Copper	1	
Condu	ctor Count:			8

Insulation

Material	Nominal Diameter
XLP, XLPO, XLPE (Thermoset)	0.132 in
XLP, XLPO, XLPE (Thermoset)	0.132 in

Color Chart

Number	Color
1	Black and Numbered 1
2	Black and Numbered 2
3	Black and Numbered 3
4	Black and Numbered 4
5	Black and Numbered 5
6	Black and Numbered 6
7	Black and Numbered 7
8	Black and Numbered 8
9	Green Ground

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.622 in	0.073 in

Electrical Characteristics

Voltage

Non-UL Description	Non-UL Voltage Rating	Voltage Rating [V]
CSA TC/CIC	600	600 V RMS

Temperature Range

Installation Temp Range:	-25°C TO +90°C
Operating Temp Range:	-40°C To +90°C

Mechanical Characteristics

UV Resistance:	Yes

Bulk Cable Weight:	245 lbs/1000ft
Max. Pull Tension:	315 lbs
Min Bend Radius/Minor Axis:	2.49 in

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	Yes
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01

Suitability

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes

Flammability, LS0H, Toxicity Testing

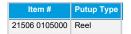
CSA Flammability:	ETA
OOA I lailinability.	1 17

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants



History

Update and Revision: Revision Number: 0.23 Revision Date: 04-28-20
--

© 2020 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 here in 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 "ASIS" 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.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.