

21450 Multi-Conductor - 1000V Type TC/CIC Cable

For more Information
please call

1-800-Belden1

**Description:**

8 AWG stranded (7x16) bare copper conductors, separator tape, 10 AWG bare copper ground wire, FR-XLPE insulation, FR-PVC jacket.

Usage (Overall)

Suitable Applications: Analog signal transmission; factory floor; cable trays

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

# Conductors	AWG	Stranding	Conductor Material
2	8	7x16	BC - Bare Copper

Ground Wire

Ground Wire (Y/N): Y

Ground Wire AWG: 10 AWG

Ground Wire Stranding: 7x18

Ground Wire Conductor Material: BC - Bare Copper

Ground Wire Insulation Material: Uninsulated

Insulation**Insulation Material:**

Insulation Material
FR-XLPE - Cross Linked Polyethylene

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
FR-PVC - Polyvinyl Chloride

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Fillers: Yes

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Cabling Separator Material: PP

Overall Nominal Diameter: 0.611 in.

Mechanical Characteristics (Overall)

Installation Temperature Range: -25°C To +90°C

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Operating Temperature Range:	-40°C To +90°C
Non-UL Temperature Rating:	90°C
Bulk Cable Weight:	246 lbs/1000 ft.
Max. Recommended Pulling Tension:	266 lbs.
Min. Bend Radius (Install)/Minor Axis:	6.100 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CSA Specification:	C22.2 #230 Type TC; C22.2#239 Type CIC, C22.2#0.3 Clause 4.3 Low Acid Test
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	05/24/2006
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

Flame Test

CSA Flame Test:	FT4
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Suitability

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

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
0.640

Max. Operating Voltage - Non-UL:

Voltage Description
600 CSA TC

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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