Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

27010 Multi-Conductor - 600V Type TC/CIC Cable

For more Information please call

1-800-Belden1

Description:

14 AWG stranded (7x22) bare copper conductors, separator tape, 14 AWG bare copper ground wire, cross-linked polyethylene insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
12	14	7x22	BC - Bare Copper

Ground Wire

Ground Wire (Y/N):	Y
Ground Wire AWG:	14
Ground Wire Stranding:	7x22
Ground Wire Conductor Material:	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material
XLPE - Cross Linked Polyethylene

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.060

Outer Jacket Ripcord:	Yes

Overall Cable

Overall Cabling Separator Material:	Fiberglass
Overall Nominal Diameter:	0.650 in.

Mechanical Characteristics (Overall)

Installation Temperature Range:	-25°C To +90°C
Operating Temperature Range:	-40°C To +90°C
Non-UL Temperature Rating:	90°C
Bulk Cable Weight:	359 lbs/1000 ft.
Max. Recommended Pulling Tension:	650 lbs.
Min. Bend Radius (Install)/Minor Axis:	6.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

27010 Multi-Conductor - 600V Type TC/CIC Cable

CSA Specification:	C22.2#230 Type TC, C22.2#131 Type CIC
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/13/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flame Test

CSA Flame Test:	FT4

Suitability

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

Plenum/Non-Plenum

Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
2.6

Max. Operating Voltage - Non-UL:

Voltage	Description
600	CSA TC

Max. Recommended Current:

Current
13 Amps per conductor @ 25°C

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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