

27145A Multi-Conductor - 600V Type TC Cable

For more Information
please call

1-800-Belden1

**Description:**

10 AWG multi-conductor stranded (7x18) bare copper conductors, PVC/Nylon insulation, PVC jacket.

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

# Conductors	AWG	Stranding	Conductor Material
9	10	7x18	BC - Bare Copper

Ground Wire

Ground Wire (Y/N): N

Insulation**Insulation Material:**

Insulation Material
PVC/Nylon - Polyvinyl Chloride/Nylon

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

Overall Cable**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red
3	Blue
4	Orange
5	Yellow
6	Brown
7	Red/Black
8	Blue/Black
9	Orange/Black

Overall Nominal Diameter: 0.720 in.

Mechanical Characteristics (Overall)

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

UL Temperature Rating: 75°C Wet

Bulk Cable Weight: 465 lbs/1000 ft.

Max. Recommended Pulling Tension: 1332 lbs.

Min. Bend Radius (Install)/Minor Axis: 7.200 in.

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	TC, NPLF
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Other Specification:	THHN/THWN Singles, ICEA S-73-532, S-95-658, S-61-402
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Flame Test

UL Flame Test:	UL1685 UL Loading
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C(UL) Flame Test:	FT4
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IEEE Flame Test:	IEEE 1202
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ICEA Flame Test:	T-29-520
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Suitability

Suitability - Burial:	Yes
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Sunlight Resistance:	Yes
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Plenum/Non-Plenum

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

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

1.04

Max. Operating Voltage - UL:

Voltage

600 V RMS

Max. Recommended Current:

Current

30 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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