

27917A Multi-Conductor - 600V Type TC Cable

For more Information
please call

1-800-Belden1

**Description:**

16 AWG multi-conductor stranded (7x24) bare copper conductors, PVC/Nylon insulation, PVC jacket.

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

# Conductors	AWG	Stranding	Conductor Material
2	16	7x24	BC - Bare Copper

Total Number of Conductors: 2

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 (mm)
PVC - Polyvinyl Chloride	1.194

Overall Cable

Overall Nominal Diameter: 5.004 x 7.569 mm

Mechanical Characteristics (Overall)

Wet Temperature Range:	-30°C To +75°C
Dry Temperature Range:	-30°C To +90°C
UL Temperature Rating:	75°C Dry, +90°C Wet
Bulk Cable Weight:	62.504 Kg/Km
Max. Recommended Pulling Tension:	177.928 N
Min. Bend Radius/Minor Axis:	50.800 mm

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	NPLF, TC
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

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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
Other Specification:	ICEA S-73-532, S-61-402

Flame Test

UL Flame Test:	UL1685 Vertical Tray Flame Test
CSA Flame Test:	FT4
IEEE Flame Test:	1202

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)
13.7802

Max. Operating Voltage - UL:

Voltage
600 V RMS (NEC Type TC)
150 V RMS (NPLF)

Max. Recommended Current:

Current
8 Amps per conductor @ 30°C

Notes (Overall)

Notes: Flat construction

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
27917A 01010000	3,048 MT	213.189 KG	BLACK	C	2 #16 PVC/NYL PVC
27917A 0105000	1,524 MT	99.791 KG	BLACK	C Z	2 #16 PVC/NYL PVC

Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 2 Revision Date: 07-30-2012

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