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27338A



Multi-Conductor - 600V Type TC Cable)

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

**For more Information
Please call**

1-800-Belden1



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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
27338A 01010000	10,000 FT	790.000 LB	BLACK	C Z	4 #16 PVC/NYL PVC
27338A 0105000	5,000 FT	410.000 LB	BLACK	C Z	4 #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.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	16	7x24	BC - Bare Copper

Total Number of Conductors: 4

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 0.047

Overall Cable

Overall Nominal Diameter: 0.338 in.

Mechanical Characteristics (Overall)

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

Bulk Cable Weight: 69 lbs/1000 ft.

Max. Recommended Pulling Tension: 140 lbs.

Min. Bend Radius/Minor Axis: 3.400 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	NPLF, TC
EU Directive 2011/65/EU (ROHS II):	Yes
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
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
Other Specification:	ICEA S-73-532, S-61-402

Flame Test

UL Flame Test: UL1685 UL Loading

C(UL) Flame Test: FT4

IEEE Flame Test: 1202

Suitability

Suitability - Burial: Yes

Plenum/Non-Plenum

Plenum (Y/N):

No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

49.6

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.2

Max. Operating Voltage - UL:

Voltage

600 V RMS (TYPE TC)

150 V RMS (NPLF)

Max. Recommended Current:

Current

7 Amps per conductor @ 25°C

Close

Revision Number: 3 Revision Date: 11-19-2012

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